

Reagan, James

From: Akintola, Olabode (ASRC)
Sent: Monday, November 28, 2005 12:43 PM
To: Reagan, James
Subject: Search Results for Application #10041906

Set Items Description

S1 103061 (DIGITAL OR DISTRIBUT?) (1N) (DATA OR CONTENT? ? OR WORK? ? -
 OR MUSIC OR VIDEO)
 S2 280148 PERMIT? ? OR TOKEN? OT TICKET?
 S3 1303 (USER OR USAGE) () RIGHT? ? OR DRM OR RIGHT() MANAGEMENT
 S4 65792 REPORT? OR SUMMARY
 S5 666414 DELIVERY OR COMPLETE? OR DOWNLOAD? OR DOWN() LOAD?
 S6 1454 S1 AND S2
 S7 17 S6 AND S4
 S8 91 S2(5N) S4
 S9 2 S8 AND S1
 S10 17 S7 OR S9
 ? show file
 File 347:JAPIO Nov 1976-2005/Jul (Updated 051102)
 (c) 2005 JPO & JAPIO
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200576
 (c) 2005 Thomson Derwent

10/5/1 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO
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05317168 **Image available**

METHOD AND SYSTEM FOR **DISTRIBUTED DATA** BASE MANAGEMENT

PUB. NO.: 08-272668 [JP 8272668 A]
 PUBLISHED: October 18, 1996 (19961018)
 INVENTOR(s): TAWARA YASUTAMI
 APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
 Corporation), JP (Japan)
 APPL. NO.: 07-076157 [JP 9576157]
 FILED: March 31, 1995 (19950331)
 INTL CLASS: [6] G06F-012/00; G06F-012/00; G06F-017/30
 JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 42.5
 (ELECTRONICS -- Equipment); 45.4 (INFORMATION PROCESSING --

Computer Applications)

ABSTRACT

PURPOSE: To perform the exclusive control by performing the processing by a master computer in the case of access of a database means and outputting an access signal to a slave computer indicated by a user thereafter to access the database means by the slave computer.

CONSTITUTION: When a slave 30 receives an updated request from a user, the slave 30 outputs an updated instruction to a master 10 and performs the

exclusive control to stop the acceptance of the other commands and updates the data in a disk device 10a. When updating is terminated, the master 10 **reports** it to the slave 30 and releases the exclusive control to **permit** the acceptance of the other commands. The slave 30 returns information, which indicates that data in the disk device 10a is updated, to the user. The master 10 issues the updated instruction to slaves 20 to 40 to update the data in disk devices 20a to 40a.

10/5/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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017368612 **Image available**

WPI Acc No: 2005-692261/200572

XRPX Acc No: N05-568030

Digital data e.g. call number, transmitting process, involves displaying sequence of images and/or portions on display screen, shooting sequence and converting sequence to set of digital data based on encoding rules

Patent Assignee: WAVECOM SA (WAVE-N); WAVECOM (WAVE-N)

Inventor: DELAGE W; LYS T

Number of Countries: 109 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

FR 2868648 A1 20051007 FR 20043398 A 20040331 200572 B

WO 2005106627 A1 20051110 WO 2005FR464 A 20050225 200574

Priority Applications (No Type Date): FR 20043398 A 20040331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

FR 2868648 A1 26 H04L-029/12

WO 2005106627 A1 F G06F-003/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): FR 2868648 A1

NOVELTY - The process involves associating a sequence of images and/or image portions representative of a set of **digital data** to be transmitted to a portable electronic device to the **digital data** based on a preset visual encoding rule. The sequence of the images and/or the portions is displayed to be shot by a camera to obtain in the device. The sequence is converted to the set of **digital data** , in the device, based on encoding rules.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) image signals comprising a sequence of images and/or portions of image encoded and transmitted according to a **digital data** transmission process

(B) a portable electronic device equipped with a camera

(C) an application of a **digital data** transmission process

(D) a device for transmitting a visual data according to a **digital data** transmission process.

USE - Used for transmitting **digital data** such as call numbers,

short messaging service (SMS), logos, telephone files, telephone coordinates, telephone rings, games, advertisements, information, weather reports, article references, address books and product mix, to a portable device (claimed) such as a portable computer, a personal digital assistant (PDA) and a mobile telephone.

ADVANTAGE - The process allows to transmit the **digital data** such as call numbers, to the portable electronic device, thus allowing the transmission of the data without any addition of mechanical and electronic materials. The process utilizes the camera which is readily available in the portable electronic device. The data communication can be performed between any type of portable electronic device of different brands without any compatibility problem. The process **permits** to exchange the **digital data** between telephones in a rapid manner.

DESCRIPTION OF DRAWING(S) - The drawing shows a simplified flow chart of a **digital data** transmission process. `(Drawing contains non English language text)`

pp: 26 DwgNo 1/5

Title Terms: DIGITAL; DATA; CALL; NUMBER; TRANSMIT; PROCESS; DISPLAY; SEQUENCE; IMAGE; PORTION; DISPLAY; SCREEN; SHOOT; SEQUENCE; CONVERT; SEQUENCE; SET; DIGITAL; DATA; BASED; ENCODE; RULE

Derwent Class: T01; W01

International Patent Class (Main): G06F-003/00; H04L-029/12

International Patent Class (Additional): G06K-019/06

File Segment: EPI

10/5/3 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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017071532 **Image available**

WPI Acc No: 2005-395876/200540

XRPX Acc No: N05-320876

License management method for utilizing audio/video content, involves permitting receiver to reproduce content when reproduction of content is designated and both of use conditions specified by main and sub-licenses are satisfied

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); SONY CORP (SONY); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: ITO T; KITAHARA J; MURAKAMI H; ONODA S; YAMAMOTO M; YAMASHITA M

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

WO 200548149 A1 20050526 WO 2004JP16958 A 20041115 200540 B

JP 2005149129 A 20050609 JP 2003385591 A 20031114 200540

Priority Applications (No Type Date): JP 2003385591 A 20031114

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200548149 A1 J 61 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

JP 2005149129 A 33 G06F-017/60

Abstract (Basic): WO 200548149 A1

NOVELTY - The content to which a sub-license specifying use condition of content is added, is distributed by content server (12). A main license specifying use condition of content distributed through user subscriber channel is provided by license server (13). A receiver is permitted to reproduce content, when reproduction of content is designated and both of the use conditions specified by main and sub-licenses are satisfied.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) information processor;
- (2) information processing method;
- (3) information processing program.

USE - For managing license provided by content distribution service through internet to receiver for utilizing content such as still picture content, moving image content such as movie and drama, news, weather report, music content and sports content in content distribution system.

ADVANTAGE - Enables receiver to acquire license easily. Provides protection of copyright of content efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of content distribution system.

content server (12)

license server (13)

dedicated line (14)

Internet (11)

receivers (15-1 - 15-n)

pp; 61 DwgNo 1/19

Title Terms: LICENCE; MANAGEMENT; METHOD; UTILISE; AUDIO; VIDEO; CONTENT; PERMIT; RECEIVE; REPRODUCE; CONTENT; REPRODUCE; CONTENT; DESIGNATED; CONDITION; SPECIFIED; MAIN; SUB; SATISFY

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04L-009/08

File Segment: EPI

10/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016938476

WPI Acc No: 2005-262786/200527

Related WPI Acc No: 2005-262841

XRAM Acc No: C05-083145

XRPX Acc No: N05-215785

Analyzing sequence e.g. molecular sequence useful in data processing systems analysis involves comparing stored query and subject sequences as structured query language queries formulated to include join operations

Patent Assignee: NETEZZA CORP (NETE-N)

Inventor: DIXIT S G; TAMMISSETTI V; ZANE B M

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

WO 200528627 A2 20050331 WO 2004US30417 A 20040917 200527 B

US 20050091238 A1 20050428 US 2003504443 P 20030919 200530

US 2004944281 A 20040917

Priority Applications (No Type Date): US 2003504443 P 20030919; US

11/28/05

2004944281 A 20040917

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200528627 A2 E 65 C12N-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL
SZ TR TZ UG ZM ZW

US 20050091238 A1 G06F-007/00 Provisional application US 2003504443

Abstract (Basic): WO 200528627 A2

NOVELTY - Analyzing sequence involves storing at least one query sequence and at least one subject sequence as a relation, and carrying out a comparison such as basic local alignment search tool (BLAST) algorithm of the sequences as at least one structured query language (SQL) query formulated to include at least one join operation.
DETAILED DESCRIPTION - The method additionally involves generating an auxiliary table for storing and/or histogram data, scanning the control table, scanning the query sequences, cross-product joining the resulting records to produce a parameterized query table and performing

a statistics scan of a subject sequence prior to other operations.

USE - For analyzing sequences (claimed) e.g. molecular sequence analysis, useful in data processing systems.

ADVANTAGE - The method eliminates the export/import and the attendant data conversions and loss of detailed information. The method provides a much more reliable and higher performance integration of database-based data analysis and sequence analysis. The method reduces the computation of information not directly required by the ultimate result **report**. The method stores the haystack and needle sequences as relations database tables, or more properly, relations-the haystack, and/or needle sequences can be the result of previous parts of the query. Thus, neither haystack nor needle is a static materialized database definitions-they can, for e.g. be the result of selection criterion determined at the time of the query. On parallel-computation system, the method describes **distributing** the **data** among processing and storage units to achieve high performance levels that are roughly proportional to the number of processing units. By distributing the haystack sequences approximately evenly across hundreds or thousands of processing units, very large searches are possible in a short time, multiplied by the number of needle sequences. Implementing the sequence comparison as at least one SQL queries **permits** query-specific statements to be compiled and dynamically bound at execution time. This allows efficient and rapid execution of the comparison, especially in multi-processing architectures. Storing comparison results as relations avoids materializations of sequences data.

pp; 65 DwgNo 0/6

Title Terms: SEQUENCE; MOLECULAR; SEQUENCE; USEFUL; DATA; PROCESS; SYSTEM; ANALYSE; COMPARE; STORAGE; QUERY; SUBJECT; SEQUENCE; STRUCTURE; QUERY; LANGUAGE; QUERY; FORMULATION; JOIN; OPERATE

Derwent Class: B04; D16; T01

International Patent Class (Main): C12N-000/00; G06F-007/00

File Segment: CPI; EPI

10/5/5 (Item 4 from file: 350)

11/28/05

DIALOG(R) File 350:Derwent WPIX
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016170776 **Image available**

WPI Acc No: 2004-328663/200430

Related WPI Acc No: 1996-261839; 2003-169327; 2003-169328; 2003-405440;
2003-405441; 2003-405442; 2003-405443; 2003-432297; 2003-758390;
2003-758391; 2003-758392; 2003-758393; 2003-758395; 2003-758396;
2004-328662; 2004-346909; 2005-331669; 2005-512070; 2005-553299

XRPX Acc No: N04-262199

Limited printing provision method for digital work , involves distributing copy of digital work along with limited printing ticket, to consumer, for permitting limited printing of work for fee

Patent Assignee: CONTENTGUARD HOLDINGS INC (CONT-N)

Inventor: PIROLLO P L T; STEFIK M J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 20040073514 A1 20040415 US 94344760 A 19941123 200430 B

US 97967084 A 19971110

US 2001778006 A 20010207

US 2003454782 A 20030605

US 6957194 B2 20051018 US 94344760 A 19941123 200568

US 97967084 A 19971110

US 2001778006 A 20010207

US 2003454782 A 20030605

Priority Applications (No Type Date): US 94344760 A 19941123; US 97967084 A 19971110; US 2001778006 A 20010207; US 2003454782 A 20030605

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20040073514 A1 45 G06F-017/60 Cont of application US 94344760

Div ex application US 97967084

Cont of application US 2001778006

Div ex patent US 6236971

US 6957194 B2 G06F-017/60 Cont of application US 94344760

Div ex application US 97967084

Cont of application US 2001778006

Div ex patent US 6236971

Cont of patent US 6714921

Abstract (Basic): US 20040073514 A1

NOVELTY - A limited printing right which specifies type of printer and type of ticket required for limited printing of a **digital work** , is associated with the **digital work** . A copy of the **digital work** is **distributed** along with the ticket to a consumer. The limited printing fee is **reported** as transaction in response to the consumer exercising the limited printing right.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) method for providing demand publishing of **digital work** ; and

(2) method for providing printing of **digital work**

USE - For providing limited printing of digital/recreational electronic **works distributed** through computer system, and also for audio and video recordings provided as recorded media like compact disk (CD).

ADVANTAGE - The billing is always transported with the work.

Ensures reliable controlling of distribution and use of **digital work** using **digital** tickets.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the limited printing provision process.

pp; 45 DwgNo 1/19

Title Terms: LIMIT; PRINT; PROVISION; METHOD; DIGITAL; WORK; DISTRIBUTE; COPY; DIGITAL; WORK; LIMIT; PRINT; TICKET; CONSUME; **PERMIT** ; LIMIT; PRINT; WORK; FEE

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016065880 **Image available**

WPI Acc No: 2004-223731/200421

Related WPI Acc No: 1999-394797; 2002-566468

XRAM Acc No: C04-088171

XRPX Acc No: N04-176652

Implantable monolithic bioelectronic device for detecting analyte within animal, having integrated circuit to generate electrical signal in response to incident light and bioreporter to emit light on analyte exposure

Patent Assignee: UNIV TENNESSEE RES CORP (UYTE-N); UT BATTELLE LLC (UNAC)

Inventor: APPELEGATE B M; RIPP S A; SAYLER G S; SIMPSON M L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 6673596 B1 20040106 US 97978439 A 19971125 200421 B

US 99454071 A 19991202

Priority Applications (No Type Date): US 99454071 A 19991202; US 97978439 A 19971125

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6673596 B1 54 C12M-003/00 CIP of application US 97978439

CIP of patent US 6117643

Abstract (Basic): US 6673596 B1

NOVELTY - Implantable monolithic bioelectronic device for detecting analyte within body of animal, having an integrated circuit with a transducer for generating electrical signal in response to light incident on it, a bioreporter for emitting light when exposed to analyte, the bioreporter positioned such that emitted light reaches transducer, and biocompatible housing surrounding integrated circuit and bioreporter.

DETAILED DESCRIPTION - Implantable monolithic bioelectronic device (I) for detecting at least one analyte within the body of an animal, the device comprising an integrated circuit including at least one transducer for generating an electrical signal in response to light incident on it, a bioreporter for emitting light when exposed to the analyte, the bioreporter positioned so that at least a portion of the emitted light reaches the transducer, and a biocompatible housing surrounding the integrated circuit and the bioreporter, the biocompatible housing including a semi-permeable membrane region for allowing passage of the analyte to the bioreporter but restricting passage of the bioreporter out from the housing.

INDEPENDENT CLAIMS are also included for the following:

(1) an implantable controlled drug delivery system, comprising (I),

further comprising an implantable drug delivery pump and a drug reservoir disposed inside the biocompatible housing for providing at least one drug to the animal, the bioelectric device controlling a level of the drug provided to the animal based on a measured concentration of the analyte; and

(2) a kit (II) for the detection of an analyte comprising (I) and instructions for using the device.

USE - (I) is useful for monitoring and regulating the level of analytes in the tissues and circulatory system of a human. (I) is useful for the in vivo detection and quantitation of metabolites, drugs, hormones, toxins or microorganisms such as viruses in a human or animal. (I) is also useful for controlling or regulating the delivery of a drug or a pharmaceutical agent from an external or an implantable drug delivery system.

ADVANTAGE - (I) is durable and inexpensive.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic representation of an implantable biosensor.

pp: 54 DwgNo 10A/10

Title Terms: IMPLANT; MONOLITHIC; DEVICE; DETECT; ANALYTE; ANIMAL; INTEGRATE; CIRCUIT; GENERATE; ELECTRIC; SIGNAL; RESPOND; INCIDENT; LIGHT; EMIT; LIGHT; ANALYTE; EXPOSE

Derwent Class: A89; B04; C07; D16; S03; S05

International Patent Class (Main): C12M-003/00

International Patent Class (Additional): C12Q-001/66; G01N-021/00

File Segment: CPI; EPI

10/5/7 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015767110 **Image available**

WPI Acc No: 2003-829312/200377

XRAM Acc No: C03-233489

XRPX Acc No: N03-662567

Ex vivo perfusion system for exposing viable, excised blood vessel to precisely controlled flow and pressure regimes, useful for producing remodeled small blood vessel for vascular graft in patient

Patent Assignee: UNIV PENNSYLVANIA (UYPE-N)

Inventor: CLERIN V; GOOCH K; GUSIC R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 20030097040 A1 20030522 US 2001297203 P 20010608 200377 B

US 2002165461 A 20020607

Priority Applications (No Type Date): US 2001297203 P 20010608; US 2002165461 A 20020607

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030097040 A1 31 A61F-002/04 Provisional application US 2001297203

Abstract (Basic): US 20030097040 A1

NOVELTY - An ex vivo perfusion system (I) for exposing viable, excised blood vessel to precisely controlled flow and pressure regimes, comprises a pump unit for pushing fluid through system, housing unit with medium-filled chamber, reservoir with gas exchange port, pressure controller, in-line probe to **report** pressure, data measurement unit and computer node to record, analyze and store the **digital data** .

DETAILED DESCRIPTION - An ex vivo perfusion system (I) for exposing

a viable, excised blood vessel to precisely controlled flow and pressure regimes, where the system comprises a pump (1) unit, which when activated continuously pushes fluid through the system, a housing unit comprising a medium-filled chamber (2), within which chamber the excised vessel is housed, and the excised vessel is cannulated with two sliding tubes, where when activated, the chamber housing the vessel is perfused with cell culture medium supplemented with serum and antibiotics, and where temperature, pH, pO₂, pCO₂, and nutrients are maintained at levels sufficient to maintain the viability of the vessel, a reservoir (7) within which the culture medium is pooled, having a gas exchange port, which **permits** gas exchange within the medium, a controller unit to control pressure within the chamber housing the excised blood vessel, an in-line probe unit to measure and **report** pressure within the system, a data measurement unit attached to the in-line probe unit for digitizing the measured pressure data, and a computer node attached to the data measurement unit to record, analyze and store the **digital data** .

INDEPENDENT CLAIMS are also included for the following:

(1) physically remodeling (M1) a small blood vessel, and maintaining the viability of the vessel, involves excising the blood vessel from its native site; and subjecting the excised vessel to a controlled ex vivo mechanical environment for a time sufficient to remodel the vessel by increasing the diameter, length, or wall thickness of the vessel, or any of its combination; and
(2) physically remodeling a small blood vessel, involves using the sliding stainless-steel tubes of (I), cannulating the vessel to the tubes and gradually extending the vessel without rupture over a period of time, while maintaining the viability of the vessel.

USE - (I) is useful for producing a remodeled small blood vessel, which is useful as a vascular graft in a patient in need of such a graft. (I) is also useful for determining the molecular regulation of mechanically induced vascular remodeling, which involves detecting and quantifying spatial expression and distribution of mRNA and protein of a glycoprotein marker resulting from various mechanical loads to determine the regions of the promoter responsible for mechanosensitivity. (M1) is useful for physically remodeling a small blood vessel to be used in vivo as a vessel graft in a patient in need of such a graft, which involves excising the blood vessel from its native site, and selecting the excised vessel to a controlled ex vivo mechanical environment for a time sufficient to increase diameter, length, or wall thickness of the vessel, or any of its combination, removing the remodeled vessel from the ex vivo mechanical environment, and surgically inserting the remodeled vessel in vivo as a vessel graft (artery or vein) into the patient. The excised vessel is a small artery or a vein. The excised vessel is autologous to the patient. The method further involves applying pressure, shear, and strain to the vessel under controlled conditions within the mechanical environment, where the transmural pressure drop regulates wall thickness, longitudinal tension regulates length, and flow-induced shear stress regulates inner diameter of the remodeled vessel. The mechanical environment is controlled by an ex vivo perfusion system. The length of the remodeled vessel is increased at least 100% over its native length when excised and where more than 50% of the increased length is retained after recoil when the remodeled vessel is removed from the controlled mechanical environment (all claimed).

ADVANTAGE - The improved control of the mechanical environment by (I) provides localized intravascular and extravascular pressure measurement and control, which provides real time monitoring of vessel remodeling (claimed). (I) is advantageously applied to understand the molecular biology of vascular remodeling by facilitating the testing of

hypotheses which are not amenable to studies using in vivo or cell culture methods.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of existing ex vivo perfusion system using only one vessel.

pump (1)

compliance chamber (2)

pressure transducer (3)

data acquisition system (5)

bypass branch (6)

medium reservoir (7)

pp; 31 DwgNo 1A/13

Title Terms: VIVO; PERFUSION; SYSTEM; EXPOSE; VIABLE; EXCISION; BLOOD; VESSEL; PRECISION; CONTROL; FLOW; PRESSURE; REGIME; USEFUL; PRODUCE; BLOOD; VESSEL; VASCULAR; GRAFT; PATIENT

Derwent Class: A96; B04; D16; D22; P32; S05; T01; T06

International Patent Class (Main): A61F-002/04

International Patent Class (Additional): C12N-005/00

File Segment: CPI; EPI; EngPI

10/5/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015493094 **Image available**

WPI Acc No: 2003-555241/200352

XRPX Acc No: N03-440961

Database system has display interface that solicits job performance evaluation data of each job contractor, based on completion of job

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: DIETZ T A; KOBROSLY W; MALIK N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 20030050829 A1 20030313 US 2001951984 A 20010913 200352 B

Priority Applications (No Type Date): US 2001951984 A 20010913

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030050829 A1 10 G06F-017/60

Abstract (Basic): US 20030050829 A1

NOVELTY - A database stores job performance evaluation **reports** of short term job contractors. A display interface solicits job performance evaluation data of each job contractor based on completion of job. An interpreter interprets the job performance evaluation data from employers for each job contractor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) database management method; and

(2) database management program.

USE - Database system for **distributing data** relative to the job performances of short term job contractors.

ADVANTAGE - Satisfies the concerns of the employers in determining the effectiveness of potential short term job contractors, as well as the needs of the job contractors to establish a work record of their job effectiveness. **Permits** each employers to obtain an interpreted job performance evaluation for each of job contractor.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the database management process.

pp; 10 DwgNo 4/5
 Title Terms: DATABASE; SYSTEM; DISPLAY; INTERFACE; JOB; PERFORMANCE;
 EVALUATE; DATA; JOB; CONTRACT; BASED; COMPLETE; JOB
 Derwent Class: T01
 International Patent Class (Main): G06F-017/60
 File Segment: EPI

10/5/9 (Item 8 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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015445102 **Image available**
 WPI Acc No: 2003-507244/200348
 XREX Acc No: N03-402849

Endoscope image filing system used in medicine and industry, where recorded examination reports to locations outside the system to permit confirmation of examination reports even in a remote location

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU)

Inventor: SHIBATA H; WATAI M

Number of Countries: 032 Number of Patents: 003

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

EP 1316911 A2 20030604 EP 200226697 A 20021129 200348 B

JP 2003164413 A 20030610 JP 2001369044 A 20011203 200348

US 20030128400 A1 20030710 US 2002308456 A 20021203 200352

Priority Applications (No Type Date): JP 2001369044 A 20011203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1316911 A2 E 31 G06F-019/00

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2003164413 A 19 A61B-001/00

US 20030128400 A1 G06K-009/00

Abstract (Basic): EP 1316911 A2

NOVELTY - Endoscope image filing system consists of an endoscope apparatus for obtaining endoscope images and an image filing device for recording desired endoscope images. The image filing device registers endoscope image data related with medical data on an endoscope examination. It registers an examination **report** created by combining the medical data with examined images generated from the endoscope image data, and is capable of building a database for registering **distribution destination data** for this examination **report** on a hard disk. The image filing device is then capable of outputting the created examination **report** to an external network based on the **distribution destination data**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following endoscope image filing method.

USE - For endoscope image filing system.

ADVANTAGE - It is capable of automatically transmitting the content of an examination **report** to a designated distribution destination. **Permits** an examination **report** to be confirmed instantaneously even in a location outside the system such as a remote location where a terminal is not installed.

DESCRIPTION OF DRAWING(S) - The diagram shows the hardware of the image filing device

network interface (21m)

endoscope apparatus (2)

pp; 31 DwgNo 2/16

Title Terms: ENDOSCOPE; IMAGE; FILE; SYSTEM; MEDICINE; INDUSTRIAL; RECORD;
EXAMINATION; **REPORT** ; LOCATE; SYSTEM; **PERMIT** ; CONFIRM; EXAMINATION;
REPORT ; EVEN; REMOTE; LOCATE

Derwent Class: P31; P81; S05; T01

International Patent Class (Main): A61B-001/00; G06F-019/00; G06K-009/00

International Patent Class (Additional): G02B-023/24; G06F-017/30;

G06F-017/60; G06T-001/00; H04N-001/23

File Segment: EPI; EngPI

10/5/10 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015406880 **Image available**

WPI Acc No: 2003-469021/200344

Related WPI Acc No: 2003-075745; 2003-199804; 2003-441955; 2003-833169;

2004-315471; 2005-260585

XRPX Acc No: N03-373245

Time-wise data reduction and storage method for statistical data analysis, summarizes input data according to the specified epoch to which it belongs

Patent Assignee: METATOMIX INC (META-N); BIGWOOD D (BIGW-I); BRITTON C P (BRIT-I); GREENBLATT H (GREE-I); KUMAR A (KUMA-I)

Inventor: BIGWOOD D; BRITTON C P; GREENBLATT H; KUMAR A

Number of Countries: 097 Number of Patents: 004

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

WO 200346769 A1 20030605 WO 2002US37727 A 20021121 200344 B

US 20030158851 A1 20030821 US 2001917264 A 20010727 200356

US 200151619 A 20011029

US 2001332053 P 20011121

US 2001332219 P 20011121

US 2002302727 A 20021121

AU 2002365577 A1 20030610 AU 2002365577 A 20021121 200419

EP 1483688 A1 20041208 EP 2002791310 A 20021121 200480

WO 2002US37727 A 20021121

Priority Applications (No Type Date): US 2001332219 P 20011121; US

2001332053 P 20011121; US 2001917264 A 20010727; US 200151619 A 20011029;

US 2002302727 A 20021121

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200346769 A1 E 30 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
US 20030158851 A1 G06F-007/00 CIP of application US 2001917264

CIP of application US 200151619

Provisional application US 2001332053

Provisional application US 2001332219

AU 2002365577 A1 G06F-017/30 Based on patent WO 200346769

EP 1483688 A1 E G06F-017/30 Based on patent WO 200346769

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): WO 200346769 A1

NOVELTY - The time-wise data reduction and storage method includes the steps of inputting data from a source, summarizing that data according to one or more selected epochs in which it belongs and generating one or more RDF triples for each selected epoch, characterizing the summarized data. The RDF triples are output in the form of RDF documents that can be stored, for example in a hierarchical data store.

USE - For **digital data** processing, in particular statistical data analysis related to enterprise business visibility and insight using real-time **reporting** tools.

ADVANTAGE - The ability for time-wise data reduction provides improved data processing for enterprise business visibility and insight with rapid and accurate response to user enquiries. The method can be readily and inexpensively integrated with legacy, current and future database management systems and **permits** flexible presentation of enterprise data in a user friendly manner.

DESCRIPTION OF DRAWING(S) - The figure depicts an architecture for a hologram data store.

pp; 30 DwgNo 1A/3

Title Terms: TIME; WISE; DATA; REDUCE; STORAGE; METHOD; STATISTICAL; DATA; ANALYSE; INPUT; DATA; ACCORD; SPECIFIED; BELONG

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/30

File Segment: EPI

10/5/11 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015382426 **Image available**

WPI Acc No: 2003-443369/200342

XRPX Acc No: N03-353943

Telecommunication service provision apparatus for mobile telephone, designates identifier for selected audio recording, and reproduces selected recording based on identifier

Patent Assignee: INTELLPROP LTD (INTE-N)

Inventor: WILSON J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

GB 2382262 A 20030521 GB 200225879 A 20021106 200342 B

Priority Applications (No Type Date): GB 200127233 A 20011113

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

GB 2382262 A 18 H04M-003/487

Abstract (Basic): GB 2382262 A

NOVELTY - A selector allows selection of a predetermined audio recording among several audio recordings stored in an audio database (4), and an identifier designated for the selected recording, is stored in a data store (2). A reproduction unit receives a telephone call from a user and reproduces the selected recording on the basis of the stored identifier.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of providing access to selected audio recordings.

USE - Telecommunication service provision apparatus for mobile

telephone, personal digital assistant (PDA), personal computer (PC) to **distribute** audio **content** including copyrighted material for e.g. archived broadcasts, information, educational material, speeches or books, regularly updated material for e.g. latest headlines, sports **reports**, financial information, copyright free material for e.g. recordings from copyright-free text or books, voice e-mails and short message service (SMS) messages.

ADVANTAGE - **Permits** access mobility without the requirement for the user to download and transfer data to mobile devices, by using the identifiers. Achieves high level commercial safety, while also providing selected audio to user immediately.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the telecommunication service provision system.

telephony server (1)

data store (2)

call controller (3)

audio database (4)

access controller (5)

audio manager (6)

audio sources (7)

callers (9)

pp; 18 DwgNo 1/2

Title Terms: TELECOMMUNICATION; SERVICE; PROVISION; APPARATUS; MOBILE; TELEPHONE; DESIGNATED; IDENTIFY; SELECT; AUDIO; RECORD; REPRODUCE; SELECT; RECORD; BASED; IDENTIFY

Derwent Class: W01

International Patent Class (Main): H04M-003/487

File Segment: EPI

10/5/12 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015047648 **Image available**

WPI Acc No: 2003-108164/200310

XRPX Acc No: N03-086686

Digital content **billing management system** permits collection of **content delivery charge from purchaser, when entrepreneur confirms presence of interpleader information in received marketing record**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

JP 2002352147 A 20021206 JP 2001152973 A 20010522 200310 B

Priority Applications (No Type Date): JP 2001152973 A 20010522

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2002352147 A 20 G06F-017/60

Abstract (Basic): JP 2002352147 A

NOVELTY - A marketing person terminal (100) transmits **digital content** marketing record to a claimant terminal (300). The claimant terminal adds interpleader information in the record and transmits it to an entrepreneur terminal (200) through the marketing person terminal. The collection of content delivery charge from a purchaser is permitted, when entrepreneur confirms presence of interpleader information in record.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the

following:

- (1) **Digital content** billing control program;
- (2) Storage medium storing **digital data** billing control program; and
- (3) **Digital content** billing management method.

USE - For managing billing of **digital content** through communication network.

ADVANTAGE - As the content delivery charge collection is enabled when entrepreneur confirms the presence of interpleader information in the received marketing record, the marketing person is enabled to **report** the marketing record to the claimant reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **digital content** billing management system. (Drawing includes non-English language text).

Marketing person terminal (100)

Entrepreneur terminal (200)

Claimant terminal (300)

pp; 20 DwgNo 1/4

Title Terms: DIGITAL; CONTENT; BILL; MANAGEMENT; SYSTEM; **PERMIT** ; COLLECT; CONTENT; DELIVER; CHARGE; PURCHASE; CONFIRM; PRESENCE; INFORMATION; RECEIVE; MARKET; RECORD

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G09C-001/00

File Segment: EPI; EngPI

10/5/13 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014417109 **Image available**

WPI Acc No: 2002-237812/200229

Related WPI Acc No: 1999-620223; 2003-255881

XRPX Acc No: N02-183079

Data transferring method involves sending first report to event reporting node in response to reception of permit and sending second report to event reporting node in response to reception of file

Patent Assignee: AUDIOSOFT INC (AUDI-N)

Inventor: NUTTALL F X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

US 20010032187 A1 20011018 US 9855060 A 19980403 200229 B

US 2001757951 A 20010110

Priority Applications (No Type Date): US 9855060 A 19980403; US 2001757951 A 20010110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20010032187 A1 26 G06F-017/60 Div ex application US 9855060

Abstract (Basic): US 20010032187 A1

NOVELTY - A first request is sent to a content providing node (108) to notify an authorizing node (112). A **permit** is received from authorizing node in response to notification. A second request having a file name obtained in response to the **permit** is sent to content providing node. A first **report** is sent to event **reporting** node (116) in response to reception of **permit** and a second **report** in response to reception of file.

USE - For transferring data from content providing node to content

requesting node.

ADVANTAGE - Improves accuracy in calculating fees associated with distribution and use of **digital works** . Prevents manipulation of authorizing node by content requesting node. Maintains proper authorization since revenues to content providing node is based on number of authorized transfers. Prohibits content providing node from identifying particular files that corresponds to particular work by determining file name in response to **permit** and preventing access to **permit** from content providing node.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a computer network.

Content providing node (108)

Authorizing node (112)

Event **reporting** node (116)

pp; 26 DwgNo 1/20

Title Terms: DATA; TRANSFER; METHOD; SEND; FIRST; **REPORT** ; EVENT; **REPORT** ; NODE; RESPOND; RECEPTION; **PERMIT** ; SEND; SECOND; **REPORT** ; EVENT; **REPORT** ; NODE; RESPOND; RECEPTION; FILE

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04K-001/00; H04L-009/00

File Segment: EPI

10/5/14 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014163959

WPI Acc No: 2001-648187/200174

XRAM Acc No: C01-191182

XRPX Acc No: N01-484375

Continuously providing radiation-curable coating composition for application to optical fibers used in telecommunications industry, involves incorporating additive to the stock coating composition

Patent Assignee: DSM NV (STAM); BISHOP T E (BISH-I); COONS L S (COON-I); LIN J (LINJ-I); SNOWWHITE P E (SNOW-I); TOENNIS T L (TOEN-I); TURNER J (TURN-I)

Inventor: BISHOP T E; COONS L S; LIN J; SNOWWHITE P E; TOENNIS T L; TURNER J; SNOWWITHE P E; TURNER J R

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

WO 200160757 A2 20010823 WO 2001NL127 A 20010215 200174 B

US 20010024698 A1 20010927 US 2000506131 A 20000217 200174

US 2001861912 A 20010521

AU 200136202 A 20010827 AU 200136202 A 20010215 200176

Priority Applications (No Type Date): US 2000506131 A 20000217; US 2001861912 A 20010521

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200160757 A2 E 25 C03C-025/12

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20010024698 A1 B05C-011/00 Div ex application US 2000506131
 AU 200136202 A C03C-025/12 Based on patent WO 200160757

Abstract (Basic): WO 200160757 A2

NOVELTY - A radiation-curable coating composition is continuously provided by incorporating an additive that is a colorant or an incompatible component, to the stock coating composition.

DETAILED DESCRIPTION - Continuously providing a radiation-curable coating composition for application to an optical fiber comprises continuously introducing a radiation-curable stock coating composition comprising a radiation-curable component(s) into a mixing zone having a primary inlet and an outlet. An additive that is a colorant or an incompatible component is incorporated to the stock coating composition upstream of the mixing zone outlet. The additive and the stock coating composition are mixed on the mixing zone to provide a radiation-curable finished coating composition. The finished coating composition is continuously applied to the optical fiber.

An INDEPENDENT CLAIM is also included for a system for continuously providing a radiation-curable coating composition for application to optical fiber, comprising a liquid conduit for transporting a radiation-curable coating composition to a fiber optic coating applicator; an inlet in the liquid conduit which **permits** the selective introduction of a stock radiation-curable coating composition; an inlet in the liquid conduit that **permits** the selective introduction of additives which includes a colorant and an incompatible component; a zone in the liquid conduit that provides for continuous mixing of the additive(s) and the radiation-curable stock coating composition; a fiber optic coating applicator that continuously applies the radiation-curable composition to the optical fiber.

USE - The method is used for continuously providing a radiation-curable coating composition for application to optical fibers. Optical fibers bundled together to provide fiber optic ribbons and cables, are used in the telecommunications industry to transport large volumes of analog and **digital data** over long distances.

ADVANTAGE - The method does not require an excessive inventory, and **permits** maximum manufacturing flexibility without an undue sacrifice in product appearance. It provides coating compositions that include beneficial, yet partially or wholly incompatible, components into such compositions as crystal-, hydrolyzate-, and haze-forming components.

pp; 25 DwgNo 0/1

Title Terms: CONTINUOUS; RADIATE; CURE; COATING; COMPOSITION; APPLY; OPTICAL; TELECOMMUNICATION; INDUSTRIAL; INCORPORATE; ADDITIVE; STOCK; COATING; COMPOSITION

Derwent Class: A89; G02; L01; P42; V07

International Patent Class (Main): B05C-011/00; C03C-025/12

International Patent Class (Additional): C08F-002/44; C23C-025/10

File Segment: CPI; EPI; EngPI

10/5/15 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013023068 **Image available**

WPI Acc No: 2000-194919/200017

XRPX Acc No: N00-144250

Communication terminal for receiving digital data service such as game service, includes backup memory to store game data of when play is suspended

Patent Assignee: SCIENTIFIC-ATLANTA INC (SCAT)

Inventor: BURLESON D B; CHEEK D S; FILION J T; KHAN R A
 Number of Countries: 001 Number of Patents: 001
 Patent Family:
 Patent No Kind Date Applicat No Kind Date Week
 US 6029046 A 20000222 US 94352162 A 19941201 200017 B
 US 95566257 A 19951201

Priority Applications (No Type Date): US 95566257 A 19951201; US 94352162 A 19941201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 US 6029046 A 27 H04H-001/02 CIP of application US 94352162
 CIP of patent US 5654746

Abstract (Basic): US 6029046 A

NOVELTY - A flash memory stores data from SRAM (216) in blocks, through a bus connection. A controller (200) allows data retrieve by player only upon authorization. When new game is selected or game is suspended, a backup memory (214) stores data regarding previous game.

DETAILED DESCRIPTION - A tuner (202) is used for tuning to a particular channel. Received game data selected by subscriber is filtered by controller (200) and only error-free service data is loaded onto SRAM (216). The service backup memory (214) has basic input-output service control. An INDEPENDENT CLAIM is also included for service data downloading method.

USE - For receiving various services such as game, digital audio and software rental services by cable TV service terminal, PC, telecommunication terminal etc. Also for text services such as sports scores, stock quotations, weather **reports**, news updates, home shopping, travel reservation service, home banking, energy management, home security, video conferencing etc.

ADVANTAGE - **Permits** parents to limit child's access to games to particular times of the day. Improves security of stored data, by authorization and also enhances speed of memory access. When the subscriber returns to game after temporary suspension, the status of game play, scores etc are preserved in a backup memory.

DESCRIPTION OF DRAWING(S) - The figure shows schematic block diagram of game adapter in game delivery system.

Controller (200)

Tuner (202)

Service backup memory (214)

SRAM (216)

pp; 27 DwgNo 2A/6

Title Terms: COMMUNICATE; TERMINAL; RECEIVE; DIGITAL; DATA; SERVICE; GAME; SERVICE; MEMORY; STORAGE; GAME; DATA; PLAY; SUSPENSION

Derwent Class: W03; W04

International Patent Class (Main): H04H-001/02

International Patent Class (Additional): H04N-007/10

File Segment: EPI

10/5/16 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010952277 **Image available**

WPI Acc No: 1996-449227/199645

XRPX Acc No: N96-378790

Image data transmission system for electronic still camera - uses control wire that releases ON-OFF control signals, in connecting receiver of external appts. to electronic still camera which has controller

regulating camera transmitter and image data transfer speed

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF)

Inventor: MIYAKE I

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

JP 8223341 A 19960830 JP 9525233 A 19950214 199645 B

US 5631701 A 19970520 US 96598917 A 19960209 199726

JP 3542653 B2 20040714 JP 9525233 A 19950214 200446

Priority Applications (No Type Date): JP 9525233 A 19950214

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 8223341 A 13 H04N-001/00

US 5631701 A 15 H04N-005/228

JP 3542653 B2 14 H04N-001/00 Previous Publ. patent JP 8223341

Abstract (Basic): JP 8223341 A

The system uses an electronic still camera (10) as the image pick-up unit for a photographed object. A converter (112) changes the image signal from the camera into **digital image data**. A data processor (114) provides a predetermined processing for the converted image data. A transmitter sends the image data from the data processor to an external appts. e.g personal computer. A controller regulates the transmitter and the control transfer speed of the image data. The external appts. has a receiver for the sent image data from the camera, which is connected to the camera through a control wire.

The control wire **permits** or prevents data transmission through ON-OFF control signals. If the controller of the camera transmits the image data, a speed setting command which controls the transmitter and the transfer speed of the image data are sent to the external appts. through a data line. A control signal with a receiving character position speed setting command in pulse shape is sent to the camera through the control wire of the receiver to indicate if external appts. comprehends the sent transfer speed.

ADVANTAGE - Ensures easy reception of image data and quick connection.

Dwg.1/8

Title Terms: IMAGE; DATA; TRANSMISSION; SYSTEM; ELECTRONIC; STILL; CAMERA; CONTROL; WIRE; RELEASE; CONTROL; SIGNAL; CONNECT; RECEIVE; EXTERNAL; APPARATUS; ELECTRONIC; STILL; CAMERA; CONTROL; REGULATE; CAMERA; TRANSMIT ; IMAGE; DATA; TRANSFER; SPEED

Derwent Class: T01; W04

International Patent Class (Main): H04N-001/00; H04N-005/228

International Patent Class (Additional): G06F-013/00; H04N-001/32;

H04N-005/225; H04N-005/268; H04N-005/765; H04N-005/781; H04N-005/92

File Segment: EPI

10/5/17 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009847764 **Image available**

WPI Acc No: 1994-127620/199416

XRAM Acc No: C94-058809

XRPX Acc No: N94-100209

Computer control of spinning plant - has fully instrumented machines providing operational state signals to data store which feeds computer programmed with expert systems to calculate correction values for optimum

plant operation

Patent Assignee: MASCHFAB RIETER AG (RIET); MEYER U (MEYE-I)

Inventor: MEYER U

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

DE 4334472 A1 19940414 DE 4334472 A 19931010 199416 B

JP 6207332 A 19940726 JP 93251678 A 19931007 199434

CH 686378 A5 19960315 CH 923183 A 19921012 199616

US 5515266 A 19960507 US 92852153 A 19920528 199624

US 92927307 A 19921120

US 93134932 A 19931012

Priority Applications (No Type Date): CH 923183 A 19921012

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 4334472 A1 20 D01H-013/26

JP 6207332 A 20 D01H-013/00

US 5515266 A 28 G05B-009/02 CIP of application US 92852153

CIP of application US 92927307

CH 686378 A5 D01H-013/32

Abstract (Basic): DE 4334472 A

The technologically important operating parts of spinning machines are monitored by sensors and recorded in a data store (20). The operation function for each part is stored in a further data store (22). The initial state and the state at predetermined time intervals of each part are analysed and compared. They are checked against nominated limiting values in a computer (24) and the required correction is calculated.

Pref., all machines in a spinning plant, e.g. bale openers, cleaning machinery, cards, draw frames, combers, roving frames and ring frames, are fully instrumented with sensors which measure all the technologically significant values and **report** them to a data store (20). Input can also be made from human observations through a suitable interface.

USE/ADVANTAGE - For computer control of an entire spinning plant from bale opening to yarn spinning. The system is flexible and **permits** the use of a variety of man/machine interfaces and the use of expert systems for running the plant.

Dwg.4/10

Title Terms: COMPUTER; CONTROL; SPIN; PLANT; INSTRUMENT; MACHINE; OPERATE; STATE; SIGNAL; DATA; STORAGE; FEED; COMPUTER; PROGRAM; EXPERT; SYSTEM; CALCULATE; CORRECT; VALUE; OPTIMUM; PLANT; OPERATE

Derwent Class: F01; Q36; T01; T05; W05

International Patent Class (Main): D01H-013/00; D01H-013/26; D01H-013/32; G05B-009/02

International Patent Class (Additional): B65H-063/00; G06F-015/21; G06F-015/46; G06F-019/00; G07C-003/00; G08B-023/00; G08B-025/00

File Segment: CPI; EPI; EngPI

?

Set Items Description

S1 84118 (DIGITAL OR DISTRIBUT?) (1N) (DATA OR CONTENT? ? OR WORK? ? - OR MUSIC OR VIDEO)

S2 384448 PERMIT? ? OR TOKEN? OT TICKET?

S3 2252353 REPORT? OR SUMMARY

S4 908887 DELIVERY OR COMPLETE? OR DOWNLOAD? OR DOWN()LOAD?
 S5 1281 S1(20N)S2
 S6 57 S5(S)S3
 S7 15 S6 AND IC=G06F-017/60
 ? show file
 File 348:EUROPEAN PATENTS 1978-2005/Nov W01
 (c) 2005 European Patent Office
 File 349:PCT FULLTEXT 1979-2005/UB=20051124,UT=20051117
 (c) 2005 WIPO/Univentio

7/3,K/1 (Item 1 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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01930027

Secure transaction management

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale,
 CA 94085, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
 Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
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LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn,
 London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
 NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200529 1002

SPEC A (English) 200529 194028

Total word count - document A 195030

Total word count - document B 0

Total word count - documents A + B 195030

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION invention's features. VDE also includes certain user
 interface subsystems for satisfying the needs of **content** providers,
distributors , and users.

Information **distributed** using VDE may take many forms. It may, for
 example, be "distributed" for use on...marks, yen) and content related
 budgets, and/or billing increments as well as very flexible **content**
distribution models.

) support, complete, modular separation of the control structures related

to (1) content event triggering...the same or other "rules and controls."
 For example, "rules and controls" specified by the **content** creator 102
 may **permit** the distributor 106 to "mark up" the usage price just as
 retail stores "mark up..."

7/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01898247

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)

APPLICATION (CC, No, Date): EP 2004078195 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200520 173

SPEC A (English) 200520 167172

Total word count - document A 167345

Total word count - document B 0

Total word count - documents A + B 167345

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION is a controlled event that itself uses such control structures. This "reflective" distributed processing mechanism **permits** ROS 602 to securely **distribute** rights and permissions in a controlled manner, and effectively restrict the characteristics of use of...

...end-user may then customize the actual control information used within guidelines provided by a **distributor** or **content** creator. Modification and update of existing control structures is preferably also a

controllable event subject...a meter data structure. The same METER method may respond to an "administrative" event by **reporting** the meter data structure to a VDE clearinghouse or other VDE participant.

In the preferred...Base Manager 554
 C Encryption/Decryption Manager 556
 C Key and Tag Manager 558
 C **Summary** Services Manager 560
 C Authentication Manager/Service Communications Manager 564
 C Random Value Generator 565...

...of concurrent tasks to one. Additionally, single-threadedness may eliminate the capability of producing accurate **summary** budgets based on a number of concurrent tasks since multiple concurrent tasks may not be able to effectively share the same **summary** budget data structure. Single-threadedness may also eliminate the capability to support audit processing concurrently...

7/3,K/3 (Item 3 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

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Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: **G06F-017/60** ; G06F-009/46

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200517 355

SPEC A (English) 200517 167222

Total word count - document A 167577

Total word count - document B 0
 Total word count - documents A + B 167577

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION information transfers over address/data bus 536 without requiring microprocessor 520 to process each individual **data** transfer. Typically, microprocessor 520 may write to DMA controller 526 target and destination addresses and...

...code to be executed and associated data structures.
 NVRAM 534b preferably contains certain keys and **summary** values that are preloaded as part of an initialization process in which SPU 500 communicates...Manager 550
 Time Base Manager 554
 Encryption/Decryption Manager 556
 Key and Tag Manager 558
Summary Services Manager 560
 Authentication Manager/Service Communications Manager 564
 Random Value Generator 565
 Secure Database...

...of concurrent tasks to one. Additionally, single-threadedness may eliminate the capability of producing accurate **summary** budgets based on a number of concurrent tasks since multiple concurrent tasks may not be able to effectively share the same **summary** budget data structure. Single-threadedness may also eliminate the capability to support audit processing concurrently...

7/3,K/4 (Item 4 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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01869029

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

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Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

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PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)

EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)
 INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**
 ABSTRACT WORD COUNT: 144
 NOTE:
 Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text Language Update Word Count
 CLAIMS A (English) 200511 276
 SPEC A (English) 200511 167210
 Total word count - document A 167486
 Total word count - document B 0
 Total word count - documents A + B 167486

...INTERNATIONAL PATENT CLASS: **G06F-017/60**
 ...SPECIFICATION invention's features. VDE also includes certain user interface subsystems for satisfying the needs of **content** providers, **distributors** , and users.
 Information distributed using VDE may take many forms. It may, for example, be...the same or other "rules and controls." For example, "rules and controls" specified by the **content** creator 102 may **permit** the distributor 106 to "mark up" the usage price just as retail stores "mark up..."

...604 are "services-based" in this example. For example, "rights operating system functions" 604 handle **summary** requests from application 608 rather than requiring the application to always make more detailed "subrequests" or otherwise get involved with the underlying complexities involved in satisfying a **summary** request. For example, application 608 may simply ask to read specified information; "rights operating system... 602 correlates control and data structure components to prevent unauthorized use of elements. These features **permit** ROS 602 to independently distribute elements, and also allows integration of VDE functions 604 with...a meter data structure. The same METER method may respond to an "administrative" event by **reporting** the meter data structure to a VDE clearinghouse or other VDE participant.
 In the preferred...Manager 550
 Time Base Manager 554
 Encryption/Decryption Manager 556
 Key and Tag Manager 558
Summary Services Manager 560
 Authentication Manager/Service Communications Manager 564
 Random Value Generator 565
 Secure Database...

...of concurrent tasks to one. Additionally, single-threadedness may eliminate the capability of producing accurate **summary** budgets based on a number of concurrent tasks since multiple concurrent tasks may not be able to effectively share the same **summary** budget data structure. Single-threadedness may also eliminate the capability to support audit processing concurrently...

7/3,K/5 (Item 5 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

01752676

Systems and methods for secure transaction management and electronic rights

11/28/05

protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito California 94530, (US)

van Wie, David M., 1250 Lakeside Drive, Sunnyvale California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,

London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1431864 A2 040623 (Basic)

EP 1431864 A3 050216

APPLICATION (CC, No, Date): EP 2004075701 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; **G06F-017/60**

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 77

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200426 1450

SPEC A (English) 200426 166929

Total word count - document A 168379

Total word count - document B 0

Total word count - document's A + B 168379

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION code to be executed and associated data structures.

NVRAM 534b preferably contains certain keys and **summary** values that are preloaded as part of an initialization process in which SPU 500 communicates...end-user may then customize the actual control information used within guidelines provided by a **distributor** or **content** creator. Modification and update of existing control structures is preferably also a controllable event subject...a meter data structure. The same METER method may respond to an "administrative" event by **reporting** the meter data structure to a VDE clearinghouse or other VDE participant.

In the preferred...Base Manager 554

C Encryption/Decryption Manager 556

C Key and Tag Manager 558

C **Summary** Services Manager 560

C Authentication Manager/Service Communications Manager 564

C Random Value Generator 565...

...of concurrent tasks to one. Additionally, single-threadedness may eliminate the capability of producing accurate **summary** budgets based on a number of concurrent tasks since multiple concurrent tasks may not be able to effectively share the same **summary** budget data structure.

Single-threadedness may also eliminate the capability to support audit processing concurrently...manager 558 may also support a trail transaction tag and a communications transaction tag.

SPU **Summary** Services Manager 560

SPE 503 maintains an audit trail in reprogrammable non-volatile memory within...

...500 and/or in secure database 610. This audit trail may consist of an audit **summary** of budget activity for financial purposes, and a security **summary** of SPU use. When a request is made to the SPU, it logs the request...

...The audit trail histories in the SPU 500 may be retained until the audit is **reported** to the appropriate parties. This will allow both attempts to cryptoanalyze the SPU to be noted.

Summary services manager 560 may store and maintain this internal **summary** audit information. This audit information can be used to check for security breaches or other...

...g., within the NVRAM 534b of SPU 500).

There are two basic structures for which **summary** services are used in the preferred embodiment. One (the "event **summary** data structure") is VDE administrator specific and keeps track of events. The event **summary** structure may be maintained and audited during periodic contact with VDE administrators. The other is...

...for overall budget. A VDE administrator may register for event summaries and an overall budget **summary** at the time an electronic appliance 600 is initialized. The overall budget **summary** may be **reported** to and used by a VDE administrator in determining distribution of consumed budget (for example...

...610.

Participants that receive appropriate permissions can register their processes (e.g., specific budgets) with **summary** services manager 560, which may then reserve protected memory space (e.g., within NVRAM 534b) and keep desired use and/or access parameters. Access to and modification of each **summary** can be controlled by its own access tag.

The following table shows an example of a list of PPE **summary** service manager 560 service calls:

In the preferred embodiment, the event **summary** data structure uses a fixed event number to index into a look up table. The...

...requests until it is reset by a VDE administrator. Calls to the system wide event **summary** process may preferably be built into all load modules that process the events that are...

...table shows examples of events that may be separately metered by the preferred embodiment event **summary** data structure:

Another, "overall currency budget" **summary** data structure maintained by the preferred embodiment **summary** services manager 560 allows registration of VDE electronic appliance 600. The first entry is used...

...audit load modules that complete the auditing process for consumed currency budget may call the **summary** services manager 560 to update the currency consumed value. Special authorized load modules may have access to the overall currency **summary**, while additional summaries can be

registered for by individual providers.

SPE Authentication Manager/Service Communications...

7/3,K/6 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01171476 **Image available**

RIGHTS TRADING SYSTEM

SYSTEME DE NEGOCIATION DE DROITS

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HARDJONO Thomas P, 430 Highland Avenue, Winchester, MA 01890, US, US
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

ROSINI James E (et al) (agent), Kenyon & Kenyon, 1500 K Street, N.W.,
Suite 700, Washington, DC 20005, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200493062 A2-A3 20041028 (WO 0493062)

Application: WO 2004US9703 20040331 (PCT/WO US04009703)

Priority Application: US 2003402959 20030401

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7492

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... license A 302 can be placed on auction by the rights trading system
304. The **content distributor** can register at the rights trading
system 304 and create a seller's account, which can be configured to
permit the seller to automatically accept credit card payments, debit
account payments, etc., which can be...

...checks the state information for the license 402 with the DRM state
repository 403 and **reports** the results back to the prospective buyer
405. The functions of the DRM state repository...

7/3,K/7 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01095251 **Image available**

METHODS AND SYSTEMS FOR MANAGING DISTRIBUTED DIGITAL MEDICAL DATA AND ACCESS THERETO
PROCEDES ET SYSTEMES DE GESTION DE DONNEES MEDICALES NUMERIQUES DISTRIBUEES ET ACCES A CES DONNEES

Patent Applicant/Assignee:

HX TECHNOLOGIES INC, 9 Hawthorne Avenue, Morris Plains, NJ 07950, US, US
 (Residence), US (Nationality)

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200417164 A2-A3 20040226 (WO 0417164)

Application: WO 2003US24908 20030807 (PCT/WO US03024908)

Priority Application: US 2002222056 20020816; US 2002222720 20020816

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
 SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
 SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25573

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... end 180A- I by a malicious user intent on penetrating the firewall 202 will not **permit** access to the local area network.

1 0 As described above, PACS 121 is operative to store and communicate **digital** patient **data** records of a diagnostic imaging nature. Radiology information system 204 and laboratory information system 208...

...the radiology and laboratory departments as well as the storage of results such as radiology **reports**, laboratory test 1 5 values, and pathology interpretations. Hospital information system 206 is for managing...

7/3,K/8 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01031751 **Image available**

EQUIPMENT SERVICE VEHICLE WITH REMOTE MONITORING
VEHICULE DE SERVICE D'EQUIPEMENT CONTROLE A DISTANCE

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200360831 A2-A3 20030724 (WO 0360831)

Application: WO 2002US40760 20021220 (PCT/WO US02040760)

Priority Application: US 2001342292 20011221; US 2002360479 20020228; US
2002388451 20020613

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 32998

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... input and output devices to which the respective interface module is
coupled, so as to **permit**, by way of the respective dedicated
communication link, **distributed data** collection from the respective
input devices to the respective interface module and distributed power
distribution...wireless radio-frequency communication
network, the off-board computer system being capable of
generating a **report** that compares utilization information for each
of the plurality of vehicles.

1 5 1 3. The system according to claim 1 2, wherein the **report** compares
distance traveled by each of the vehicles in the fleet of equipment
service vehicles. 1 4. The system according to claim 1 2, wherein the
report compares engine utilization time of the vehicles in the fleet of

equipment service vehicles. 1 5. The system according to claim 1 2,
wherein the **report** compares on-site time of the vehicles in the fleet
of equipment service vehicles.

1...input and output devices to which the respective interface module is
coupled, so as to **permit**, by way of the respective dedicated
communication link, **distributed data** collection from the respective
input devices to the respective interface module and distributed power
distribution...

7/3,K/9 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00975213 **Image available**

DIGITAL RIGHTS MANAGEMENT IN A MOBILE COMMUNICATIONS ENVIRONMENT
GESTION NUMERIQUE DE DROITS DANS UN ENVIRONNEMENT DE COMMUNICATIONS MOBILES

Patent Applicant/Assignee:

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 FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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EKBERG Jan-Erik, Seljatie 1 A 5, FIN-00320 Espoo, FI, FI (Residence), FI
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STENMAN Jorma, Myllarintanhua 6 H 27, FIN-00920 Helsinki, FI, FI
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 (Nationality), (Designated only for: US)

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 (Residence), IN (Nationality), (Designated only for: US)

Legal Representative:

WASZKIEWICZ Ken (agent), c/o Morgan & Finnegan, LLP, 345 Park Avenue, New
 York, NY 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200305145 A2-A3 20030116 (WO 0305145)

Application: WO 2002IB2591 20020703 (PCT/WO IB02002591)

Priority Application: US 2001303157 20010706; US 200295062 20020312

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 49980

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... voucher prevents the first device from using the content.

However, the first device can super- **distribute** the **content** by transferring the voucher to the second device. There, the voucher **permits** the second device to use the content, in response to the restriction and identity information...

...voucher. The voucher can also include clearing house information which requires the second device to **report** is use of the content to a clearinghouse computer in the network. The clearinghouse information can be **reported** .

Further in accordance with the invention, a method is disclosed for deferring payment for a...specification of the first clearing house in the voucher. However, the first device can super- **distribute** the **content** by transferring the voucher to the second device. There, the voucher **permits** the second device to use the content, in response to the clearing house information, because...

...the voucher. The clearing house information in the voucher can requiring the second device to **report** is use

7/3,K/10 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00954892 **Image available**

ELECTRONIC DOCUMENT WITH AN AUTOMATICALLY UPDATED PORTION

DOCUMENT ELECTRONIQUE A PORTION ACTUALISEE AUTOMATIQUEMENT

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

KAARS Peter B, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200289006 A2-A3 20021107 (WO 0289006)

Application: WO 2002IB1341 20020417 (PCT/WO IB0201341)

Priority Application: US 2001844786 20010427

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 3900

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... to select a program or channel for watching, recording or rating.

The EPG may also **permit** the user to access and use additional digital entertain-ment services such as chat room, email, news **reports** , personalized radio, **digital music** files, etc.... The EPG is the principal communication interface with the user and as a...

7/3,K/11 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00830220 **Image available**

KEY EXCHANGE CONTENT COMMUNICATION SYSTEM AND METHOD**SYSTEME ET PROCEDE DE COMMUNICATION DE CONTENU A ECHANGE DE CLES**

Patent Applicant/Assignee:

PORTALPLAYER INC, 3255 Scott Boulevard, Building #1, Santa Clara, CA 95054, US, US (Residence), US (Nationality)

Inventor(s):

MALLARD John H III, 20738 Pamela Way, Saratoga, CA 95070, US,
BHASKARAN Suresh, 4606 Spooner Cove Court, Union City, CA 94587, US,

Legal Representative:

TIMOTHY W Lohse (agent), Gray Cary Ware & Freidenrich LLP, 400 Hamilton Avenue, Palo Alto, CA 94301-1825, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200163822 A2-A3 20010830 (WO 0163822) .

Application: WO 2001US5759 20010221 (PCT/WO US0105759)

Priority Application: US 2000510707 20000222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4008

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the piece of content.

In summary, the system and method in accordance with the invention **permits** content, such as **digital music content** , to be shared/loaned like typical media, such as a CD or record, while maintaining...

7/3,K/12 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806392

**TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
DANS UN ENVIRONNEMENT DU TYPE CHAÎNE D'APPROVISIONNEMENT RESEAUTÉE, ET
PROCÉDÉ ASSOCIÉ**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... it, thus depriving a vendor of potential revenue.

Similarly, vendors lose potential revenue when they **permit** a company
with a

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very large number of users to use software over an...

7/3,K/13 (Item 8 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND
METHOD THEREOF**

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT
DE COMMERCE ELECTRONIQUE ET PROCÉDÉ ASSOCIÉ**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

11/28/05

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... Of course, one of the key attributes of these previous multiplexer designs is that they **permit** DS I signals to be timed independently, i.e. asynchronous multiplexing. Bits can therefore be...I 0 consumption to the power utility via the distribution network. Further, the home network **permits** automatic meter reading and remote service disconnect and reconnect.

The **distribution** network includes a wire-based (hybrid fiber/coaxial cable) distribution system and an intelligent utility...For example, the billing center requires epoch time

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for its billing records whereas switch **reports** and error logs require local switch time.

A problem also arises when using only local...Another aspect of the expert system is to ensure quality of service (QOS) and produce **reports** indicatit both integrity and exceptions. Scheduling of resources is tied to this expert system, which...resolution script;

3) stores the information into a Database Component for later analysis by the

Reporting Component; and

4) allows real time viewing of faults in a network map and network... prediction model; (2) used to refine an existing model; and/or (3) organized into a **summary** of the target database, as in predicting step 5206.

In a predicting step 5206, the...services.

WAF supports a general purpose foundation for secure transaction management, including usage control, auditing, **reporting**, and/or payment. This general purpose foundation is called "WA-F Functions" ("WAFFs"). WAF also...

...manage the use of, and/or auditing of use of, electronic content, as well as **reporting** information based upon content use, and any payment for said use. WAF capabilities may it...distribution application, to be used by such installation for securely controlling WAF content usage, auditing, **reporting** and/or payment. Similarly, a specific WAF participant may enter into a WAF user agreement...participants to develop business models not feasible with non-electronic commerce, for example, involving detailed **reporting** of 1 5 content usage information, large numbers of distinct transactions at hitherto infeasibly low...

...a broad range of pricing, payment, and auditing strategies,
 (4) very flexible privacy and/or **reporting** models,
 141
 (5) practical and effective security architectures, and
 (6) other administrative procedures that together...management related aspects, such as content usage control information enforced through budgeting, metering, and/or **reporting** of electronic information and/or appliance use, and/or they may include "static" electronic assertions...

...of content or systems, and/or agreeing to observe copyright laws. Not only can electronically **reported** transaction related information be trusted under the present invention, but payment may be automated by...

...pathway of payment
 (which may or may not be the same as a pathway for **reporting**). Such payment can be contained within a WAF container created automatically by a WAF installation...

...usage
 authorization, usage auditing (which may include audit reduction), usage billing, usage payment, privacy filtering, **reporting** , and security related communication and encryption techniques.

WAF's fundamental configurability will allow a broad...different discount rates to merchants for complying with various data types. Moreover, a plethora of **report** generation mechanisms and formats are utilized by merchants that banking organizations work with.

Banks are...applications such as document

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libraries, form-based approval systems, project tracking applications and status **reporting** systems; (ii) security; (iii) database access; and (iv) discussion groups.

The ability to perform commercial...

7/3,K/14 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT

11/28/05

AND METHOD THEREOF

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139029 A2 20010531 (WO 0139029)

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 157840

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... distribution of information, for example commercial literary properties,

(b) secure electronic information usage monitoring and **reporting** ,

(c) secure financial transaction capabilities related to ...or more pathways (chains) for: the handling of content, content and/or appliance control information, **reporting** of content and/or appliance usage related information, and/or payment, (3) supporting an...

7/3,K/15 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00520701 **Image available**

METHOD FOR COMPUTER NETWORK OPERATION PROVIDING BASIS FOR USAGE FEES

MODE D'EXPLOITATION D'UN RESEAU INFORMATIQUE PREVOYANT UNE BASE DE CALCUL DES DROITS D'UTILISATION

Patent Applicant/Assignee:

AUDIOSOFT INC,

Inventor(s):

NUTTALL Francois-Xavier,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9952053 A2 19991014

Application: WO 99IB581 19990402 (PCT/WO IB9900581)

Priority Application: US 9855068 19980403

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA
ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML
MR NE SN TD TG.

Publication Language: English

Fulltext Word Count: 7087

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... 1 16); and
transmitting via the network to the fourth computer system (1 16) a
report (1 50) in response to receiving the **digital work** .

4 The method of claim 3 wherein:
the **permit** comprises a value; and
the method further comprises discontinuing performance of the method
in response...

Set Items Description

S1 840944 (DIGITAL OR ELECTRONIC?) (1N) (DATA OR CONTENT? ? OR WORK? ?
OR MUSIC OR VIDEO)

S2 1138457 PERMIT? ? OR TOKEN? OT TICKET?

S3 21910555 REPORT? OR SUMMARY

S4 13482001 DELIVERY OR COMPLETE? OR DOWNLOAD? OR DOWN()LOAD?

S5 90562 S1(5N) (DOWNLOAD? OR DOWN()LOAD? OR DISTRIBUT? OR TRANSMI? -
OR SELL??? OR BUY??? OR PURCHAS?)

S6 393 S5(S)S2

S7 4132 S5(S)S3

S8 11 S7(35N)S2

S9 305 S1(30N)S2(30N)S3

S10 681 S6 OR S8 OR S9

S11 370 S10 NOT PY>1998

S12 268 RD (unique items)

S13 22 S12(S) (DELIVERY OR COMPLETE? OR COMMENC?)

? show file

File 9:Business & Industry(R) Jul/1994-2005/Nov 23

(c) 2005 The Gale Group

File 15:ABI/Inform(R) 1971-2005/Nov 28

(c) 2005 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2005/Nov 28

(c) 2005 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2005/Nov 28

(c)2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2005/Nov 23

(c) 2005 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 28

(c) 2005 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 28

(c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Nov 28
 (c) 2005 Dialog
 File 476:Financial Times Fulltext 1982-2005/Nov 29
 (c) 2005 Financial Times Ltd
 File 610:Business Wire 1999-2005/Nov 28
 (c) 2005 Business Wire.
 File 613:PR Newswire 1999-2005/Nov 28
 (c) 2005 PR Newswire Association Inc
 File 624:McGraw-Hill Publications 1985-2005/Nov 23
 (c) 2005 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2005/Nov 26
 (c) 2005 San Jose Mercury News
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 ? t 13/3,k/all

13/3,K/1 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
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01445715 Supplier Number: 24136775

Buying Music Over the Internet

(Cerberus Digital to introduce project allowing users to purchase and download music over the Internet and save it onto Mini Discs or CD-R)

Newsbytes News Network, p N/A

January 02, 1998

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 806

ABSTRACT:

...hard disk, from which it can be recorded onto Mini Discs or CD-R. Secure **Delivery** Cerebus Digital is using Cerberus Central Limited's Virtual Pressing Plant (VPP) as the backbone...

...major publishers, Cerberus Digital Jukebox is now considered by many observers to be a mature **digital music distribution** system. Using a high-speed CD-R unit and software speed enhancements, a user can...

...Cerberus Digital and Sharp Singapore have agreed to cooperate in the promotion of online music **delivery** . Sharp Corp has also launched a new mini-compo that allows the consumer to record...

TEXT:

...looking at this as something that could change the way music reaches the consumer." Secure **Delivery** Cerebus Digital is using Cerberus Central Limited's Virtual Pressing Plant (VPP) as the backbone technology in the

project. Also called the Cerberus Digital Jukebox (CDJ), the VPP **permits** copyright owners to compress, encrypt and sell music online. Cerberus developed the "Coded Bitstream Reliant...

...million songs, Cerberus Digital Jukebox is now considered by many observers to be a mature **digital music distribution** system. Virtual Pressing Plant uses MPEG compression to produce high quality audio compression. The VPP...

...Digital and Sharp Singapore have also agreed to cooperate in the promotion of online music **delivery**. Sharp Corporation has also launched a new mini-compo that allows the consumer to record...

...It is still too early to assess the size of the market for digital music **delivery**," said Edwards. "But the Digital Jukebox concept is not likely going to replace the traditional..."

13/3,K/2 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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00688387 Supplier Number: 23237183

New Service to Allow Users To Download Music Via PC

(International Business Machines to supply digital music delivery service to EMI Music Publishing, a Thorn EMI PLC unit)

Wall Street Journal , v CCXXV, n 126, p B4

June 29, 1995

DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

International Business Machines Corp (New York, NY) is to supply a digital music **delivery** service to EMI Music Publishing, a Thorn EMI PLC unit. The service will **permit** film producers, advertising companies and others to **download music electronically**. IBM is providing the service via Multimedia Archive & Retrieval Systems PLC (United Kingdom). It will **permit** users to negotiate licensing terms for background **music electronically**, via a personal computer, then **download** selected music in **digital** format. ...

13/3,K/3 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01582364 02-33353

Regulation of the Internet and Internet technology through the imposition of access charges

Moore, Dennis W Jr

Texas Law Review v76n1 PP: 183-214 Nov 1997

ISSN: 0040-4411 JRNL CODE: TRX

WORD COUNT: 15144

...TEXT: well as the digital processors that support such programs-only allow "half-duplex" operation, which **permits** only one computer user to speak at a time.² However, full-duplex upgrades are...

...traditional PSTN.²⁴ The sound of a call may wobble or suffer from "dropouts"-the **complete** disruption of transmission.²⁵ One of the most disruptive problems with even the best VON...

...halting second and a half.²⁶ These problems generally result from the way the Internet **transmits** the **digital data**⁰ packets, allowing packets to drift apart on the wire in some places and bunch up...

13/3,K/4 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00219142 83-30703

Automated Credit Data Now Within Reach of All

Shaw, Jack

Computing Canada v9n20 PP: Software Report 2, 11 Sep 29, 1983

ISSN: 0319-0161 JRNL CODE: CCD

...ABSTRACT: the American National Standards Institute (ANSI) and the National Automated Clearing House Association (NACHA) have **completed** preliminary standards for **electronic data transmission** of payment information. These standards will **permit** accounts receivable systems to advance from cash application to electronic cash application. Electronic cash application...

...percentage of successful identifications of correct customers, minimizes misidentification of items to be paid, and **permits** payments to be applied automatically to items on multiple accounts. The ideal system will: 1...

13/3,K/5 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05943172 Supplier Number: 53197520 (USE FORMAT 7 FOR FULLTEXT)

DAX, Hermstedt Team To Offer Printers More Connectivity Products.

Printing News, p10

Oct 19, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 307

... three Hermstedt Business Plus ISDN solutions, as well as its Network ISDN package. The solutions **reportedly permit** swift, secure transmission of files to virtually any ISDN workstation. DAX will offer two, four, or eight-channel BRI capability, enabling file **delivery** speeds between 128 Kps and 512 Kps.

The Business Plus ISDN solutions are said to...

13/3,K/6 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04730306 Supplier Number: 46963316 (USE FORMAT 7 FOR FULLTEXT)

THOMSON SUN Interactive to provide Internet access via digital set-top box.

Business Wire, p12111229

Dec 11, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 457

... Center.

THOMSON SUN Interactive provides an end-to-end software solution for the development and **delivery** of interactive television services. Its premier product offering is the industry standard OpenTV software family...

...to the home. At the head-end, Flowcaster software integrates with the broadcast facility to **distribute digital data** and content including World Wide Web pages. The Hardware Port Kit **permits** the set-top to

receive OpenTV enabled applications. To **complete** the solution, THOMSON SUN Interactive produces and sells the Software Developers Kit and OpenAuthor, a...

13/3,K/7 (Item 3 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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04693283 Supplier Number: 46908003 (USE FORMAT 7 FOR FULLTEXT)

ComStream to incorporate OpenTV technology in set-top boxes for Panasonic.

Business Wire, p11211050

Nov 21, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 495

... THOMSON SUN Interactive, LLC provides an end-to-end software solution for the development and **delivery** of interactive television services. Its premier product offering is the industry standard OpenTV software family...

...the home. At the head-end, the Flowcaster software integrates with the broadcast facility to **distribute digital data** and content. The Hardware Port Kit **permits** the set-top to receive OpenTV enabled applications. To **complete** the solution, THOMSON SUN Interactive produces and sells the Software Developers Kit and distributes the...

13/3,K/8 (Item 4 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04439328 Supplier Number: 46514623 (USE FORMAT 7 FOR FULLTEXT)

MUCH WORK REMAINS ON DVD COPY PROTECTION -- TECHNICAL REPORT

Audio Week, v8, n26, pN/A

July 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 973

... IBM's Bell told us at least 2 "specialist" engineering meetings have been held since **report** became available June 21. He said engineers are placing highest priority on digital-to-digital copy encryption solutions that would **permit** most aggressive DVD suppliers to move forward on 1996 launch (see related **report**, this issue). He said it's conceivable **work** on **digital** -to-digital encryption could be **completed** "in weeks or months rather than years."

13/3,K/9 (Item 5 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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04138474 Supplier Number: 46040941 (USE FORMAT 7 FOR FULLTEXT)

TyLink's MR2300 HDSL Module enables high-speed data transmission over longer distances.

Business Wire, p01021145

Jan 2, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade
 Word Count: 464

... high-speed digital access products in the marketplace today."
 TyLink HDSL Module
 HDSL technology allows **transmission** and receipt of **digital data**
 at high speed (784 Kbps) on a single twisted pair copper wire to attain an
 ...

...bidirectional bit rate of 1.544 Mbps (T1) over two twisted pair copper
 wires. HDSL **permits** the **delivery** of an outbound signal on the same pair
 of wires on which the return signal...

13/3,K/10 (Item 6 from file: 16)
 DIALOG(R)File 16:Gale Group PROMT(R)
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03813692 Supplier Number: 45441719
Nonlinear Editing Software Package Meets Needs of Digital Camera Users
 JEE - Journal of Electronic Engineering, p31
 April, 1995
 Language: English Record Type: Abstract
 Document Type: Magazine/Journal; Academic Trade

ABSTRACT:
 Avid Technology has developed the Media Suite Pro which **permits** the
 manipulation of digital images and audio tracks. The product is a nonlinear
 integrated software...

...image playback at 30 frames a second NTSC, or 25fps PAL, with flawless
 lip synch. **Completed** programs consist of four tracks of CD-quality audio,
transmission effects, **digital video** effects, motion effects, and
 titling. The product directs output either to the monitor, disk, or...

13/3,K/11 (Item 7 from file: 16)
 DIALOG(R)File 16:Gale Group PROMT(R)
 (c) 2005 The Gale Group. All rts. reserv.

02519431 Supplier Number: 43333101
J.C. Penney Company, Inc. - Company Report
 Investext, p1-28
 Sept 30, 1992
 Language: English Record Type: Abstract
 Document Type: Magazine/Journal; Trade

ABSTRACT:
 ...established catalog business. The company's return to its original
 product focus on softgoods was **completed** in 1988. Although the retailing
 industry has been affected significantly by the recession, J.C...

...satellites facilitates quick communication between corporate buyers and
 store merchandisers. In addition, the use of **electronic data**
 interchange and quick response technologies **permits** automatic inventory
 replenishment.

Tables in report: Stock Price, Earnings Data & Rating 1991-93; Private
 Label...

13/3,K/12 (Item 8 from file: 16)
 DIALOG(R)File 16:Gale Group PROMT(R)
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01160619 Supplier Number: 41321383 (USE FORMAT 7 FOR FULLTEXT)
**PACIFIC BELL: TO OFFER BUSINESS CUSTOMERS MORE CONTROL OF NETWORK
 MANAGEMENT FUNCTIONS**
 EDGE, on & about AT&T, v5, n93, pN/A
 May 7, 1990
 Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
 Word Count: 309

... cancel or change active orders, check order status and obtain a history of orders.
 -- Trouble **Reporting** -- Customers can initiate trouble **reports** directly into Pacific Bell's maintenance system, perform status checks, and **complete reports** on the history and trends of troubles.
 -- Service Testing -- Permits customers to conduct on-line...

13/3,K/13 (Item 1 from file: 148)
 DIALOG(R)File 148:Gale Group Trade & Industry DB
 (c)2005 The Gale Group. All rts. reserv.

10241953 SUPPLIER NUMBER: 20763741 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PanelLink Technology Fuels New Compaq All-Digital Computer Video; Silicon Image Chips Provide First Low-Cost Digital Interface for Flat-Panel Monitors.
 Business Wire, p6090202
 June 9, 1998
 LANGUAGE: English RECORD TYPE: Fulltext
 WORD COUNT: 727 LINE COUNT: 00065

... new transmission methodology for high-speed digital video invented by Silicon Image, Inc. The methodology **permits** a common interface, connector, and cable to drive desktop or wall-mounted flat-panel monitors
 ...

...receiver chips - which may be built into any computer, video board and flat-panel monitor -- **complete** the interface. Silicon Image makes a growing family of such chips to meet the needs...

13/3,K/14 (Item 2 from file: 148)
 DIALOG(R)File 148:Gale Group Trade & Industry DB
 (c)2005 The Gale Group. All rts. reserv.

09407238 SUPPLIER NUMBER: 19244964 (USE FORMAT 7 OR 9 FOR FULL TEXT)
On-line tools to buy software cut costs. (tips for corporate purchasing managers)
 Avery, Susan
 Purchasing, v122, n4, p73(2)
 March 20, 1997
 ISSN: 0033-4448 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
 WORD COUNT: 1441 LINE COUNT: 00122

... company standards, existence of a national agreement with a preferred supplier, approvals, product availability and **delivery**

information, schedule of maintenance updates, and service options. Many buyers have designed Web pages or...

...one, is currently test piloting the concept of customized electronic catalog ordering processes with corporate **buyers** .
Electronic data interchange, another on-line option many purchasing operations already use to communicate with...

13/3,K/15 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06378273 SUPPLIER NUMBER: 13358381 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Electronic test at Minneapolis Fed: system designed to hasten payment on checks. (Federal Reserve Bank of Minneapolis)
Iida, Jeanne
American Banker, v158, n6, p3(1)
Jan 11, 1993
ISSN: 0002-7561 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 672 LINE COUNT: 00052

...ABSTRACT: system allows funds payments through the transmission of electronic 'cash letters,' rather than through the **delivery** of actual checks. Unlike other electronic check-data transmission systems, the new system **permits** the electronic transmission of returned checks.

13/3,K/16 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04160098 SUPPLIER NUMBER: 08270657 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networking plant operations. (Contract Shop Ideas) (column)
Casper, Bert
Modern Machine Shop, v62, n7, p122(2)
Dec, 1989
DOCUMENT TYPE: column ISSN: 0026-8003 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 698 LINE COUNT: 00057

... computer-based tools used for this system include a work list, a manufacturing job status **report** , a **delivery** forecast, a capacity-requirements planning **report** and so on. Since the CAM and the capacity-management systems are tied together by Decnet, communications and data availability is current. This **permits** access of data even to customers who have **electronic - data** interchange (EDI) connections to our system. Next month we'll examine steps a small contract...

13/3,K/17 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01159797

States News Service teams up with Keyfax.
EDITOR & PUBLISHER February 23, 1985 p. 36

Keycom Electronic Publishing will connect **electronic data** subscribers with States News Service in Washington, District of Columbia.

The connection will **permit** Keyfax electronic information service subscribers to query Washington **reporters** via Capitol Q&A. States' participation in the service is part of a larger program...

... electronic information publishers. States has signed an agreement with Mead Data Central to offer its **complete** news report over Nexus in the same file with Associated Press, United Press International and...

13/3,K/18 (Item 1 from file: 275)

DIALOG(R)File: 275:Gale Group Computer DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

02097004 SUPPLIER NUMBER: 19656445 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Training trends: Jim Krzywicki, Lotus. (Lotus VP for worldwide customer support and education) (1997 Guide to Network Education) (Company Business and Marketing) (Interview)

Rose, Richard

Network VAR, v5, n8, p31(4)

August, 1997

DOCUMENT TYPE: Interview ISSN: 1082-8818 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4058 LINE COUNT: 00314

... the students can log on and participate whenever it is convenient for them.

LearningSpace components **permit** instructors to administrate learning support tasks such as advertising course availability, maintaining a class roster, creating tests or quizzes, and **reporting** grades or other assessment. Other components handle course development and **delivery** tasks such as setting up a syllabus, storing and presenting **electronic content** (such as video clips), creating links to the Internet, and building a "virtual classroom" to...

13/3,K/19 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

03384756 Supplier Number: 46963587 (USE FORMAT 7 FOR FULLTEXT)

-THOMSON SUN INTERACTIVE: THOMSON SUN Interactive to provide Internet access via digital set-top box

M2 Presswire, pN/A

Dec 11, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 502

... Center.

THOMSON SUN Interactive provides an end-to-end software solution for the development and **delivery** of interactive television services. Its premier product offering is the industry standard OpenTV software family...

...to the home. At the head-end, Flowcaster software integrates with the broadcast facility to **distribute digital data** and content including World Wide Web pages. The Hardware Port Kit **permits** the set-top to receive OpenTV enabled applications. To **complete** the solution, THOMSON SUN Interactive produces and sells the Software Developers Kit and OpenAuthor, a...

13/3,K/20 (Item 2 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

03358730 Supplier Number: 46908410 (USE FORMAT 7 FOR FULLTEXT)

THOMSON SUN INTERACTIVE: ComStream to incorporate OpenTV technology in set-top boxes for Panasonic

M2 Presswire, pN/A

Nov 21, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 518

... THOMSON SUN Interactive, LLC provides an end-to-end software solution for the development and **delivery** of interactive television services. Its premier product offering is the industry standard OpenTV software family...

...the home. At the head-end, the Flowcaster software integrates with the broadcast facility to **distribute digital data** and content. The Hardware Port Kit **permits** the set-top to receive OpenTV enabled applications. To **complete** the solution, THOMSON SUN Interactive produces and sells the Software Developers Kit and distributes the...

13/3,K/21 (Item 3 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

02545125 Supplier Number: 45132459 (USE FORMAT 7 FOR FULLTEXT)

TELECOMMUNICATIONS COUNCIL: DEREGULATION THE LODESTAR OF NOVEMBER 17 SITTING

European Report, n1993, pN/A

Nov 11, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1277

... alternative infrastructures, such as in-house communication facilities in companies, then opening the sluice gates **completely** in 1998). The deadline for cracking open the sector would normally be January 1, 1998...

...also due to adopt a common position on a set of guidelines on trans-European **electronic data transmission** networks between administrations and on an EU long-range project to lend support to applying ...

...to debate anew the draft Directive on the mutual recognition of licences and other national **permits** for providing satellite network services and/or satellite communication services. The aim is for the...it carried out after publishing a Green Paper, last April, on mobile and personal communications. **Electronic data transmission** for European transport systems. The Commission is due to present a Communication as a follow...

...Commission to prepare an action programme embracing the measures needed in the Union to establish **electronic data transmission** systems in this sector. GATT talks. In response to a request from France, the Commission...

13/3,K/22 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0830753 PH036

INTERDIGITAL COMMENTS ON B-CDMA DEVELOPMENT

DATE: June 12, 1995 17:40 EDT WORD COUNT: 356

...is based

upon the ETSI V5 standard, supported by major switch manufacturers worldwide.

InterDigital has **completed** the development of prototype systems that demonstrate the superior air interface characteristics of B-CDMA...

...Siemens alliance, product features have been defined and product development is underway. B-CDMA technology **permits** personal and business communications on a wireline level enabling toll quality voice, high speed fax, modem **transmission**, ISDN compatibility and direct **digital data** services. The engineering teams from both companies are working closely together to fully develop the...

?

Set Items Description

S1 51942 (DIGITAL OR DISTRIBUT?) (1N) (DATA OR CONTENT? ? OR WORK? ? - OR MUSIC OR VIDEO)

S2 146483 PERMIT? ? OR TOKEN? OT TICKET?

S3 1669308 REPORT? OR SUMMARY

S4 27483 S1(10N) (DOWNLOAD? OR DOWN()LOAD? OR DISTRIBUT? OR TRANSMI? OR SELL??? OR BUY??? OR PURCHAS?)

S5 25 S4 AND S2 AND S3

S6 17 S5 NOT PY>1998

? show file

File 2:INSPEC 1898-2005/Nov W3

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File 35:Dissertation Abs Online 1861-2005/Nov

(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Nov W3

(c) 2005 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct

(c) 2005 The HW Wilson Co.

File 474:New York Times Abs 1969-2005/Nov 27

(c) 2005 The New York Times

File 475:Wall Street Journal Abs 1973-2005/Nov 25

(c) 2005 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 256:TecInfoSource 82-2005/Feb

(c) 2005 Info.Sources Inc

? t 6/5/all

6/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07220301 INSPEC Abstract Number: B1999-05-0120-117

Title: Evolution of a capstone course: a twenty-year perspective

Author(s): Hales, J.L.; Pisarski, S.J.

Author Affiliation: Pittsburgh Univ., Johnstown, PA, USA

Conference Title: FIE '98. 28th Annual Frontiers in Education Conference.

Moving from 'Teacher-Centered' to 'Learner-Centered' Education. Conference Proceedings (Cat. No.98CH36214) Part vol.1 p.456-9 vol.1

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 1998 Country of Publication: USA 3 vol.

(xlvi+xxvii+1368) pp.

ISBN: 0 7803 4762 5 Material Identity Number: XX-1998-03520

U.S. Copyright Clearance Center Code: 0 7803 4762 5/98/\$10.00

Conference Title: Proceedings of IEEE Computer Society Symposium

Frontiers in Education

Conference Sponsor: IEEE Educ. Soc.; IEEE Comput. Soc.; ASEE Educ. Res. & Methods Div

Conference Date: 4-7 Nov. 1998 Conference Location: Tempe, AZ, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: The University of Pittsburgh at Johnstown is a branch campus of the University of Pittsburgh system. Engineering Technology in three departments-civil, electrical, and mechanical-was commenced in the early 1970s. The BSET degree is offered exclusively on the Johnstown campus. Engineering programs are offered in Pittsburgh. With the arrival of the first senior class of Electrical Engineering Technology students, a senior project design course was instituted in the winter of 1975. It was, in general, a positive experience; however, a number of concerns were encountered. One of the most significant was the challenge of developing an idea then designing, building, testing, evaluating, and finally preparing written and oral **reports** in one semester. Over the years, the course has been modified and improved to **permit** students to have a more positive and successful experience. After a few years, a one-credit proposal/functional specification course was implemented during the first term of the senior year. This was followed by a three-credit design and implementation course during their final semester. The course objectives have always stated that it was to be 50% technical and 50% communication in nature. The paper describes how the course has developed such that communication is a significant component and why the present course is two credits in each term of the senior year with the course **work** evenly **distributed** throughout the year. The communication aspect of the course carries equal weight with the technical contributions. (4 Refs)

Subfile: B

Descriptors: educational courses; engineering education

Identifiers: informal written documents; formal written documents; oral presentations; capstone course; University of Pittsburgh at Johnstown; engineering Technology; mechanical engineering; electrical engineering; civil engineering; senior project design course; idea development; one-credit proposal/functional specification course; three-credit design; implementation course; communication

Class Codes: B0120 (Education and training)

Copyright 1999, IEE

6/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

06959422 INSPEC Abstract Number: C9808-6160Z-007

Title: Minimizing detail data in data warehouses

Author(s): Akinde, M.O.; Jensen, O.G.; Bohlen, M.H.

Author Affiliation: Dept. of Comput. Sci., Aalborg Univ., Denmark

Conference Title: Advances in Database Technology - EDBT'98. 6th

International Conference on Extending Database Technology Proceedings p. 293-307

Editor(s): Schek, H.-J.; Saltor, F.; Ramos, I.; Alonso, G.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1998 Country of Publication: Germany xii+513 pp.

ISBN: 3 540 64264 1 Material Identity Number: XX98-00616

Conference Title: Advances in Database Technology - EDBT'98 6th

International Conference on Extending Database Technology Proceedings

Conference Sponsor: Univ. Politec. Valencia; Generalitat Valenciana;

Ajuntament de Valencia; et al

Conference Date: 23-27 March 1998 Conference Location: Valencia, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Data warehouses collect and maintain large amounts of data from several distributed and heterogeneous data sources. Because of security reasons, operational requirements, and technical feasibility it is often impossible for data warehouses to access the data sources directly. Instead data warehouses have to replicate legacy information as detail data in order to be able to maintain their **summary** data. We investigate how to minimize the amount of detail data stored in a data warehouse. More specifically, we identify the minimal amount of data that has to be replicated in order to maintain, either incrementally or by recomputation, **summary** data defined in terms of generalized project-select-join (GPSJ) views. We show how to minimize the number of tuples and attributes in the current detail tables and even aggregate them where possible. The amount of data to be stored in current detail tables is minimized by exploiting smart duplicate compression in addition to local and join reductions. We identify situations where it becomes possible to omit the typically huge fact table and prove that these techniques in concert ensure that the current detail data is minimal in the sense that no subset of it **permits** to accurately maintain the same **summary** data. Finally, we sketch how existing maintenance methods can be adapted to use the minimal detail tables we propose. (19 Refs)

Subfile: C

Descriptors: data reduction; data structures; relational databases; replicated databases; very large databases

Identifiers: detail data minimization; data warehouses; **distributed data** sources; heterogeneous data sources; data security; operational requirements; technical feasibility; legacy information; data replication; **summary** data; generalized project-select-join views; tuples; attributes; minimal detail tables

Class Codes: C6160Z (Other DBMS); C6160B (Distributed databases); C6160D (Relational databases); C6130 (Data handling techniques)

Copyright 1998, IEE

6/5/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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03635153 INSPEC Abstract Number: B86023495, C86018889, D86000954

Title: Telco build 5-state computer network

Journal: Telephone Engineer and Management vol.90, no.1 p.78-84

Publication Date: 1 Jan. 1986 Country of Publication: USA

CODEN: TPMAW ISSN: 0040-263X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Northwestern Bell has launched an ambitious Pounds 2.5 million project to put computers in the hands of more than 1000 company employees dispersed across five Midwest states. The project, an undertaking of the telco's Distribution Services Department, is believed to be the most extensive of its kind among the Bell companies and could prove a model for other organizations supporting **distributed data** processing services. Applications developed by Northwestern Bell include programs that help locate underground cables track maintenance projects, and mechanize time **reporting** . An extensive electronic mail system **permits** all field offices to send messages to each other, to corporate headquarters in Omaha and Minneapolis, and to other Bell operating company offices. (0 Refs)

Subfile: B C D

Descriptors: computer networks

Identifiers: interstate; Telco; computer network; **distributed data** processing services; Northwestern Bell; underground cables; maintenance projects; time **reporting** ; electronic mail

Class Codes: B6210L (Computer communications); C5620W (Other networks); D5020 (Networks and inter-computer communications)

6/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03342321 INSPEC Abstract Number: B84060639

Title: Telephone and high speed data over distribution lines and dedicated wires

Author(s): Rice, N.O.

Author Affiliation: Westinghouse Electric Corp., Coral Springs, FL, USA

Conference Title: 1984 Rural Electric Power Conference. Papers Presented at the 28th Annual Conference (Cat. No. 84CH1969-5) p.D2/1-5

Publisher: IEEE, New York, NY, USA

Publication Date: 1984 Country of Publication: USA vi+212 pp.

U.S. Copyright Clearance Center Code: CH1969-5/84/0000-0015\$1.00

Conference Sponsor: IEEE

Conference Date: 6-8 May 1984 Conference Location: Nashville, TN, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Experimental (X)

Abstract: Single sideband (SSB) communications equipment utilizing technology advancements **permits** communications over formerly unused distribution lines. A program was undertaken to analyze distribution line parameters and establish the mathematics for power line carrier applications to distribution lines. Tests on the application of SSB power line carriers to distribution lines are **reported** . These tests have identified a few application problems but solutions have been developed and implemented. (4 Refs)

Subfile: B

Descriptors: carrier transmission on power lines; data communication systems; distribution networks; telephone lines

Identifiers: carrier transmission on power lines; distribution networks; single sideband communications; high speed data; distribution lines; dedicated wires; SSB; distribution line parameters

Class Codes: B6220W (Other stations); B6240J (Power line systems); B8120J (Distribution networks)

6/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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03339047 INSPEC Abstract Number: C84051258, D84002818

Title: Net helps Colo. agency keep up with population boom

Journal: Computerworld vol.18, no.35 p.SR/24

Publication Date: 27 Aug. 1984 Country of Publication: USA

CODEN: CMPWAB ISSN: 0010-4841

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: The population boom in Colorado has increased demand for services from state, county and city agencies. One state agency, the Motor Vehicles Division (MVD) of the Colorado Department of Revenue, has equipped each of its local offices with the ability to respond to the needs of a growing population in a fast and efficient way. The MVD recently awarded Mohawk Data Sciences Corp. (MDS) of Parsippany, NJ, a \$3.2 million contract for a **distributed data** processing network to connect Colorado's expanding motor vehicle registration and titling activities in a statewide network. The MVD's setup consists of more than 200 MDS Hero networked personal computers, located in 70 offices and operated by county clerks who act as agents for the MVD. Each system has its own data base and personal computing capabilities and **permits** file sharing between the statewide locations and the central MVD site in Denver. Motor vehicle titling and registration, which was previously handled manually and took three to six weeks to complete, now takes minutes to produce. The procedure includes recording vehicle identification numbers and title data, calculating various classes of fees and taxes and printing receipts, registrations and **reports** . (0 Refs)

Subfile: C D

Descriptors: government data processing

Identifiers: Colorado; state agency; Motor Vehicles Division; MVD; Mohawk Data Sciences Corp.; MDS; **distributed data** processing network; motor vehicle registration; MDS Hero; titling; vehicle identification numbers; fees; taxes

Class Codes: C7130 (Public administration); D2120 (Public administration and law)

6/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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03186972 INSPEC Abstract Number: C84008046

Title: Technical evaluation report on the guidance and control panel 35th symposium on advances in guidance and control systems

Author(s): Rediess, H.A.

Issued by: AGARD, Neuilly sur Seine, France

Publication Date: July 1983 Country of Publication: France iv+11 pp.

Report Number: AGARD-AR-195

Language: English Document Type: Report (RP)

Treatment: General, Review (G)

Abstract: Many significant advances in optimal control theory, synthesis techniques and design methodology have taken place since the last symposium held in this technical area in 1973. The rapidly developing technologies in computation, **data distribution** , computer aided design methods and data basis now **permit** application of theories and synthesis methods heretofore impractical. The increased emphasis on functional and performance capability at reduced cost suggests application of technologies and methods for more common use of information and higher levels of integration. The purpose of the meeting was to review and discuss all aspects of those emerging technologies ranging from theory through applications including aircraft, space vehicles, and unmanned vehicles.

Subfile: C

Descriptors: aerospace computer control; aerospace computing; aerospace simulation; control engineering computing; control systems; control theory
 Identifiers: AGARD; optimal control theory; synthesis techniques; computation; **data distribution** ; computer aided design; aircraft; space vehicles; unmanned vehicles
 Class Codes: C1300 (Control theory); C3360L (Aerospace systems); C7420 (Control engineering); C7460 (Aerospace engineering)

6/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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03162050 INSPEC Abstract Number: B84002427, C84002673

Title: Net helps work station talk to diverse computers

Author(s): Lutz, J.S.

Author Affiliation: Harris Corp., Melbourne, FL, USA

Journal: Electronics vol.56, no.16 p.110-11

Publication Date: 11 Aug. 1983 Country of Publication: USA

CODEN: ELECAD ISSN: 0883-4989

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Harris Corp. had three fundamental aims for its executive work station. It had to provide integrated access to mainframes and thus to electronic-information sources, both through local and wide-area communications. It had to be capable of using data from these sources in application programs. Finally, it had to incorporate easy-to-use word processing. These requirements shaped the development of Harris' 9000 series of distributed, multifunctional, and clustered work stations. The 9000 provides several kinds of access to all of a company's mainframes. The simplest method **permits** the work station to emulate the industry-standard IBM 3270 terminal and use its systems-network-architecture based synchronous data link control (SNA/SDLC) protocols to create interactive access to a data-processing host. Data received from host computers can be converted automatically into text and included in **reports** and memos. (0 Refs)

Subfile: B C

Descriptors: communication networks; office automation; word processing

Identifiers: Harris' 9000 series **distributed** multifunctional **work**

station; local communications; mainframes; electronic-information sources; wide-area communications; word processing; industry-standard IBM 3270

terminal; systems-network-architecture based synchronous data link control

Class Codes: B6210L (Computer communications); C7100 (Business and administration)

6/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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03018523 INSPEC Abstract Number: B83019972, C83014518

Title: Advanced technology testbeds for distributed, survivable command, control and communications (C/sup 3/)

Author(s): Frankel, M.S.

Author Affiliation: SRI Internat., Menlo Park, CA, USA

Conference Title: MILCOM '82. 1982 IEEE Military Communications

Conference. Progress in Spread Spectrum Communications p. 10.2/1-13 vol.13

11/28/05

Publisher: IEEE, New York, NY, USA

Publication Date: 1982 Country of Publication: USA 3 vol. xxxviii+626 pp.

Conference Sponsor: IEEE; United States Dept. Defense; Armed Forces Commun. Electron. Assoc

Conference Date: 17-20 Oct. 1982 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Two testbeds have been established to transfer emerging technology from the research community to the military thereby providing a basis for developing new military concepts for force effectiveness and survivability. Although still emerging, these technologies are now being presented to the user to make it possible to investigate (today) command, control and communications (C/sup 3/) concepts that might otherwise not be considered for another decade. The technologies being transferred include: automated tactical **reporting** systems, advanced packet-switched communication, automated man-machine interfaces, communication network and internetwork environments, automated display and analysis of data, and techniques for automatically disseminating information into redundant/**distributed data** bases. Expectations are that the testbeds will ultimately lead to the definition of military distributed C/sup 3/ architectures that will **permit** a commander to execute his mission in the 'battlefield of the future' more effectively. (12 Refs)

Subfile: B C

Descriptors: military computing; military systems

Identifiers: C/sup 3/; testbeds; military; force effectiveness; survivability; automated tactical **reporting** systems; packet-switched communication; man-machine interfaces; communication network; internetwork; redundant/ **distributed data** bases

Class Codes: B6210 (Telecommunication applications); B7930 (Military communications); C7150 (Military)

6/5/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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02895922 INSPEC Abstract Number: C82031401

Title: Necessity is mother of homegrown DDP network

Author(s): Abbey, S.G.; Bertollo, D.N.; Geller, J.R.

Author Affiliation: Rockland Res. Inst., Orangeburg, NY, USA

Journal: Data Communications vol.11, no.2 p.95-105

Publication Date: Feb. 1982 Country of Publication: USA

CODEN: DACODM ISSN: 0363-6399

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The Rockland Research Institute, has operated, for more than 10 years, a batch database configuration, the multistate information system (MSIS), that offers applications developed primarily for mental health and mental retardation programs. The Institute has recently worked with the Office of Information Systems of New York State Department of Mental Hygiene to design, develop, and implement an interface between an IBM 4341 computer located at the Institute and a DDP network consisting of seven local data centers and more than 200 terminals throughout the state. The data centers contain Burroughs B1860 processors, each supporting up to 10 of the 52 inpatient sites operated by the Department of Mental Hygiene. The design of the Department of Mental Hygiene Information System (DMHIS) **permits** day-to-day operational data to be stored at the local data centers, and interactive updates to that database made by each user site. Clinical data such as psychological evaluations and drug regimens are

processed and stored on the Institute's host computer in Rockland. A patient's demographic data and location (building and ward) are stored at the host for use with the clinical data and for distribution of **reports**. Sex, ethnic group, occupation, and religion are used for statistical research. (0 Refs)

Subfile: C

Descriptors: database management systems; **distributive data** processing; management information systems; medical administrative data processing; medical computing

Identifiers: Rockland Research Institute; Office of Information Systems; IBM 4341; DDP network; Department of Mental Hygiene Information System; DMHIS; local data centers; interactive updates; demographic data

Class Codes: C5620 (Computer networks and techniques); C7140 (Medical administration)

6/5/10 (Item 10 from file: 2)

DIALOG(R) File 2:INSPEC

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02634452 INSPEC Abstract Number: A81018617

Title: Nuclear and astrophysical aspects of $^{18}\text{O}(p, \gamma)^{19}\text{F}$

Author(s): Wiescher, M.; Becker, H.W.; Gorres, J.; Kettner, K.-U.; Trautvetter, H.P.; Kieser, W.E.; Rolfs, C.; Azuma, R.E.; Jackson, K.P.; Hammer, J.W.

Author Affiliation: Inst. für Kernphys., Münster, West Germany

Journal: Nuclear Physics A vol.A349, no.1-2 p.165-216

Publication Date: 3-10 Nov. 1980 **Country of Publication:** Netherlands

CODEN: NUPABL **ISSN:** 0375-9474

Language: English **Document Type:** Journal Paper (JP)

Treatment: Experimental (X)

Abstract: The capture reaction $^{18}\text{O}(p, \gamma)^{19}\text{F}$ has been investigated in the energy range $E/p=80-2200$ keV. The seven known resonances have been studied in detail and twelve new resonances have been found. The resonances at $E/R=680, 977$ and 1670 keV correspond to new states in ^{19}F . The known resonance at $E/R=631$ keV is observed to consist of a doublet ($\Delta E/p=7$ keV). Information on resonance energies, total and partial widths, branching and mixing ratios and omega gamma values is **reported**. Transition strength arguments as well as analyses of gamma-ray angular **distribution data** combined with results from previous work resulted in J/π assignments for some of the resonances and low-lying states in ^{19}F . The assignment of several states in ^{19}F as $T=3/2^-$ analogue states of ^{19}O is discussed. A direct capture process to several final states in ^{19}F up to $E/x=8.8$ MeV has been observed revealing information on the orbital momenta of the captured protons in the final states, their spectroscopic factors and J/π assignments for interfering resonances. Special efforts were made to detect this process to states near the proton threshold, which are of importance to stellar hydrogen burning of ^{18}O . The results are compared with corresponding information from other reactions. The investigated energy range of the $^{18}\text{O}(p, \gamma)^{19}\text{F}$ reaction corresponds to the important stellar temperature range of $T=0.01$ to 5×10^9 K. The energy-averaged astrophysical reaction rates determined from the present data are compared with previous estimates for this reaction. The data **permit** reliable conclusions to be drawn concerning the final termination of the CNO tri-cycle. (67 Refs)

Subfile: A

Descriptors: direct nuclear reactions and scattering; nuclear branching and mixing ratios; nuclear energy level transitions; nuclear energy levels; nuclear resonances; nuclear spectroscopic factors; nuclear spin and parity;

nuclei with mass number 6 to 19; proton radiative capture; stellar internal processes

Identifiers: /sup 18/O(p,gamma)/sup 19/F; capture reaction; /sup 19/F; resonance energies; partial widths; mixing ratios; gamma-ray angular

distribution; low-lying states; direct capture process; spectroscopic factors; interfering resonances; stellar temperature range; branching ratio; spin; parity

Class Codes: A2110H (Spin, parity, and isobaric spin); A2110J (Spectroscopic factors); A2110M (Level density and structure); A2320G (Multipole mixing ratios); A2320L (Gamma transitions and level energies); A2430 (Resonance reactions and scattering); A2450 (Direct reactions); A2540L (Radiative capture); A2720 (6 <or= A <or= 19); A9530C (Elementary particle and nuclear processes)

6/5/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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02225297 INSPEC Abstract Number: C78021308

Title: Planning and design problems in a distributed data base system for loop administration

Author(s): Wetterau, J.B.

Author Affiliation: New York Telephone, New York, NY, USA

Conference Title: Trends and Applications: 1978 Distributed Processing p.116-24

Publisher: IEEE, New York, NY, USA

Publication Date: 1978 Country of Publication: USA 160 pp.

Conference Sponsor: IEEE; Nat. Bur. Standards

Conference Date: 18 May 1978 Conference Location: Gaithersburg, MD, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The Loop Maintenance Operations System is a computerized record keeping and trouble **reporting** system for Repair Service Bureaus. It was designed using the principle of a **distributed data** base structure to allow redundancy for enhanced reliability and **permit** modular growth depending on system size requirements. This paper attempts to explore some of the problems encountered in this system as it was installed in New York Telephone. Several of the problems encountered included data base sizing and computer capacity, for both the host processor and the front end processors. The problem of interprocessor communications in a distributed environment also arose. Questions about software design and structure also were considered as analysis of user characteristics was performed. Most of the problem resolutions involved evaluation of possible system trade-offs between hardware and software. This paper basically analyzes which decisions were made, and why. (9 Refs).

Subfile: C

Descriptors: administrative data processing; communications computing; database management systems; distributed processing

Identifiers: design problems; **distributed data** base system; record keeping; trouble **reporting** ; New York Telephone; data base sizing; computer capacity; interprocessor communications

Class Codes: C5600 (Data communication equipment and techniques); C7190 (Other fields); C7410F (Communications)

6/5/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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01821110 INSPEC Abstract Number: C75024571

Title: The SB/sub 1/ algorithm: a method for describing the relation between target-service-level and safety-stock

Author(s): Spicher, K.

Journal: Zeitschrift fur Operations Research, Serie B (Praxis) vol.19, no.2 p.B1-12

Publication Date: April 1975 Country of Publication: West Germany

CODEN: ZORPBU ISSN: 0340-9422

Language: German Document Type: Journal Paper (JP)

Treatment: Applications (A); Theoretical (T)

Abstract: Describes a method which **permits** influence on stocks of commodities due to a given target-service-level. It deals with methodological questions of the problem. This part opens with some general remarks on the problem and definitions. The analytical relation between the (exponentially first order) smoothed service-level and the safety-stock is derived. This relation is the basis of an algorithm for computing corrections of the safety-stock which depends mainly on the difference between the smoothed service-level and target-service-level in the period about which actually is **reported** and the corresponding development of that difference in past periods. Furthermore some properties of the algorithm are discussed. (2 Refs)

Subfile: C

Descriptors: **distributive** administrative **data** processing; operations research; stock control

Identifiers: SB/sub 1/ algorithm; stocks of commodities; computing corrections; target service level; safety stock

Class Codes: C1290F (Industry); C1290 (Applications of systems theory); C7160 (Manufacturing and industry)

6/5/13 (Item 13 from file: 2)

DIALOG(R)File 2:INSPEC

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01809133 INSPEC Abstract Number: B75035518, C75021261

Title: A flashlight for St. Jude: a successful application of mixed integer programming in the electric power industry

Author(s): Hamilton, C.W.; Holton, J.B.; McBride, R.D.; Yormark, J.S.

Author Affiliation: Univ. Southern California, Los Angeles, CA, USA

Journal: Bulletin of the Operations Research Society of America vol.23, suppl.1 p.B/138

Publication Date: Spring 1975 Country of Publication: USA

CODEN: ORSBAS ISSN: 0030-3666

Conference Title: ORSA/TIMS National Meeting (Abstracts only)

Conference Sponsor: Operations Res. Soc. America; Inst. Management Sci

Conference Date: 30 April-2 May 1975 Conference Location: Chicago, IL, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Applications (A); Theoretical (T)

Abstract: A fuel supply management system developed for the Southern California Edison Company **permits** modeling of a broad range of configurations for the supply pipeline network. Operating practicalities and lengthy time horizons necessitated development of a multi-commodity, multi-period fixed charge network model to serve as the optimizing vehicle for the system. A preprocessor converts a network description into the requisite mathematical model, while a postprocessor interprets the (not necessarily) optimal solution and generates cost-based **reports** on

shipments, inventories, and facility usage. Aspects of the system development effort are described, as well as interesting technical issues and successful applications.

Subfile: B C

Descriptors: **distributive** administrative **data** processing; economics; electric power generation; electrical engineering applications of computers ; fuel; integer programming; modelling

Identifiers: supply pipeline network; fixed charge network model; preprocessor; mathematical model; postprocessor; optimal solution; shipments; inventories; facility usage; electric power industry; fuel supply management system; mixed integer programming

Class Codes: B0260 (Optimisation techniques); B8110B (Power system management, operation and economics); B8210 (Energy resources); C1180 (Optimisation techniques); C3340H (Electric systems); C7160 (Manufacturing and industry); C7410B (Power engineering)

6/5/14 (Item 14 from file: 2)

DIALOG(R) File 2:INSPEC

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01373872 INSPEC Abstract Number: B72015565

Title: A vehicle location system utilizing the existing traffic light system

Author(s): Christ, D.L.

Author Affiliation: Devenco Inc., NY, USA

Conference Title: 1971 IEEE Vehicular technology 22nd annual conference p.2 pp.

Publisher: IEEE, New York, NY, USA

Publication Date: 1971 Country of Publication: USA x+150 pp.

Conference Sponsor: IEEE

Conference Date: 7-8 Dec. 1971 Conference Location: Detroit, MI, USA

Language: English Document Type: Conference Paper (PA)

Abstract: Discusses the analysis and design of a vehicle location, monitoring, or communications system that exploits the readily available traffic light system. Optical path **transmission** of **digital data** from the traffic-light-heads to passing vehicles **permits** direct, unambiguous location information to be obtained without any additional spectrum utilization. Location information is processed in the vehicle and combined with vehicle identification and status data for subsequent automatic **reporting** to a base station.

Subfile: B

Descriptors: digital communication systems; lighting; modulation; optical links; road vehicles

Identifiers: digital code; modulation; vehicle location; optical system; photodetector; memory; traffic light system; vehicle identification; automatic **reporting** ; police cars

Class Codes: B6210Z (Other data transmission); B8520 (Transportation)

6/5/15 (Item 15 from file: 2)

DIALOG(R) File 2:INSPEC

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01228437 INSPEC Abstract Number: C71005368

Title: ENDT: a Fortran program to prepare cross-section data for UNC-SAM-3 from ENDF/B tapes

Author(s): Kellman, S.

Issued by: United Nuclear Corp., Elmsford, NY, USA

Publication Date: Jan. 1970 Country of Publication: USA 51 pp.

Report Number: UNC-5243 Contract Number: DASA01-69-C-0021

U.S. Govt. Clearinghouse Number: AD-701757

Availability: CFSTI, Springfield, VA 22151, USA

Language: English Document Type: Report (RP)

Abstract: With the establishment of the Cross Section Evaluation Center at Brookhaven National Laboratory, more detailed, evaluated cross section information has become available, permitting more accurate analysis of problems of interest. In order to make use of this wealth of information in the UNC-SAM-3 Monte Carlo code, the ENDT program, generating an element data tape for later use in UNC-SAM-3 has been written. The present version of the code addresses itself to its use in generating the data required for shielding calculations and takes in consideration the accuracy of today's measurements. ENDT reads the Evaluated Nuclear Data File and calculates total, total scattering, and inelastic cross section, and establishes the tables required to treat the angular distribution of neutrons emerging from elastic scattering collisions and the energy distribution of those emerging from inelastic scattering collisions. The code **permits** Doppler broadening in the resolved resonance range but in the present version no attempt has been made to extend the treatment to all energies since the effect has little significance in shielding calculations. The **report** tries to document the treatment of the cross section and **distribution data**, stating explicitly the assumptions made. The FORTRAN listing of the code contains numerous comment cards which should be helpful to a programmer going through the code, and should facilitate the alteration of the code to suit the needs of a given installation.

Subfile: C

Descriptors: physics

Class Codes: C7320 (Physics and Chemistry)

6/5/16 (Item 1 from file: 35)

DIALOG(R) File 35: Dissertation Abs Online

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01455741 ORDER NO: AADAA-I9600843

A HOLTER TYPE SYSTEM FOR RECORDING PLANTAR PRESSURES: DEVELOPMENT AND CLINICAL APPLICATIONS (PEDORTHICS, METATARSALGIA, MORTON'S NEUROMA, GAIT, FEET)

Author: ABU-FARAJ, ZIAD OMAR

Degree: PH.D.

Year: 1995

Corporate Source/Institution: MARQUETTE UNIVERSITY (0116)

Adviser: GERALD F. HARRIS

Source: VOLUME 56/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5012. 150 PAGES

Descriptors: ENGINEERING, BIOMEDICAL

Descriptor Codes: 0541

Current foot pressure monitoring systems have short data capture intervals and **permit** recording of only a few consecutive steps with monitoring equipment frequently tethered to the subject by cable. These contemporary systems are unable to monitor in-shoe plantar pressures for more than a few minutes. Inherent gait variability requires that large numbers of steps be examined for reliable analysis and characterization. In order to fulfill demand criteria not available in current commercial systems, a Holter type, microprocessor based, portable, in-shoe, plantar pressure data acquisition system has been developed. The system is capable of recording continuous pressure data between the sole of the foot and the shoe for up to 16 hours during normal daily activities. The extended recording and processing capacity of the system allows quantitative

analysis of cumulative plantar pressure and temporal gait data necessary for characterization of event-related alterations in plantar pressures. The system is fully portable, subjects carry it in a belt pack and ambulate freely without any disruption to their normal gait pattern. The system was applied clinically to collect pressure **distribution data** from several patient populations in order to quantitatively characterize the effects of treatment which have not been **reported** in the literature. Two studies of pedorthic use in adults were performed. The use of metatarsal and scaphoid pads were examined to determine and characterize the resulting plantar pressure redistribution. With metatarsal pad use, pressure redistribution was characterized with increased peak loads delivered to the normally unloaded metatarsal shaft region, and decreased peak loads delivered to the more peripheral areas. This redistribution is supportive of the postulate that decreasing the metatarsal prominence loads (peripheral pad areas) is effective in reducing pain associated with metatarsalgia and Morton's neuroma. Scaphoid pad use resulted in peak load increases at the lateral foot and peak load decreases at the medial and calcaneal regions of the foot. The system was also implemented clinically in the evaluation of the planovalgus feet in children with cerebral palsy. A group of children with planovalgus foot deformity secondary to spastic cerebral palsy was evaluated preoperatively and following subtalar fusion for correction of the foot deformity. Comparing pre- and postoperative results, the Holter type data acquisition system has been successful in showing quantifiable differences in loading of the foot after surgery. These differences were consistent with the changes noted on the single step analyses; that is, at the midfoot the peak pressures, sensor contact durations, and pressure-time integrals were diminished medially and increased laterally. The same three metrics were also diminished at the first metatarsal head with increases at the more lateral heads.

6/5/17 (Item 2 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01427365 ORDER NO: AADAA-I9525080

CONSTRUCTING CONFIDENCE REGIONS FOR A COMPOSITION OF TECTONIC PLATE ROTATIONS UNDER HETEROSCEDASTICITY (SPHERICAL REGRESSION)

Author: KIRKWOOD, BESSIE HERSHBERGER

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF VIRGINIA (0246)

Adviser: TED CHANG

Source: VOLUME 56/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2116. 67 PAGES

Descriptors: STATISTICS

Descriptor Codes: 0463

A tectonic plate rotation can be estimated by minimizing a function which is asymptotically the sum of squared residuals of a linear regression. The linear approximation **permits** construction of an asymptotic confidence region for the rotation. The problem studied in this dissertation is construction of a confidence region for a composition of two or more independently estimated rotations when the **data distributions** have unequal, unknown variances. The solution uses an approximation of the distribution of the residual sum of squares of weighted linear regressions.

The most satisfactory asymptotics for estimating tectonic plate rotations are asymptotic as the concentration parameter of the **data distribution** goes to infinity, while the asymptotics of weighted linear

regressions use large degrees of freedom of the variance estimates. The two kinds of asymptotics are combined in this dissertation by requiring that errors due to non-linearity are small relative to sample size.

Two kinds of confidence regions are constructed, one of which uses all the data from the separate rotation estimates; the other is a conservative approximation of the first, using only **summary** statistics from the separate rotation estimates.

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